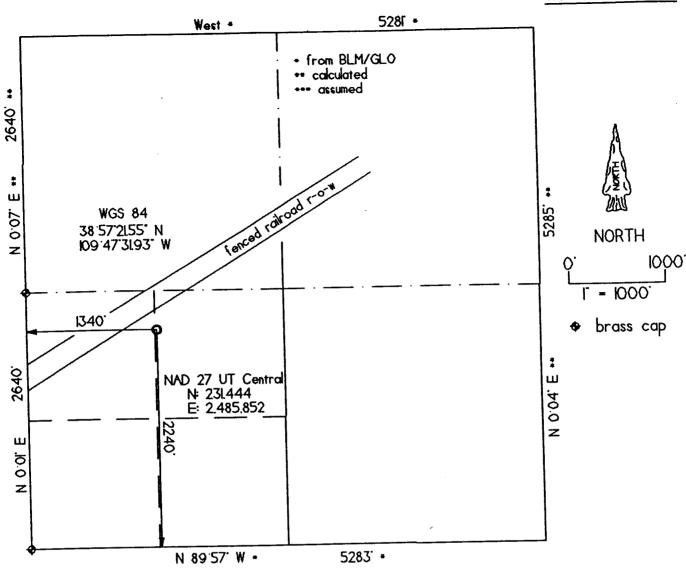
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10 Type of Well Gold Wel	1a. Type of Work: DRILL REENTE	R			N/A							
Name of Operator Same of Operator Same of Operator	TO CONTROL	☐ Sine	le Zone 🗹 Multip	le Zone	Federal MSC 2	6-1						
3a. Address 16800 Imperial Valley Dr., #380 3b. Phone No. (include area code) (281) 931-8933 (281) 931-8933 (281) 931-8933 (281) 931-8933 (281) 931-8933 (281) 931-8933 (281) 931-8933 (281) 931-8933 (281) 931-8933 (281) 931-8933 (281) 931-8933 (281) 931-8933 (281) 931-8933 (281) 931-8933 (281) 931-8933 (281) 931-8933 (281) 931-8933 (281) 931-8933 (281) 931-8933 (281) 931-8933 (281) 931-8933 (281) 931-8933 (281) 931-8933 (281) 931-8933 (281) 931-8933 (281) 931-8933 (281) 931-8933 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (281) 931-931 (10. 1)pv 01. 10	<u> </u>	-									
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25. Signature Name (Printed/Typed) Date	Federal is	Nacos										
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Well Location Description

MSC EXPLORATION, L.P. FEDERAL MSC 26 - 1 2240' FSL & 1340' FWL Section 26. T.2I S., R.I9 E., SLM Grand County. UT 4916' grd. el. (from GPS)

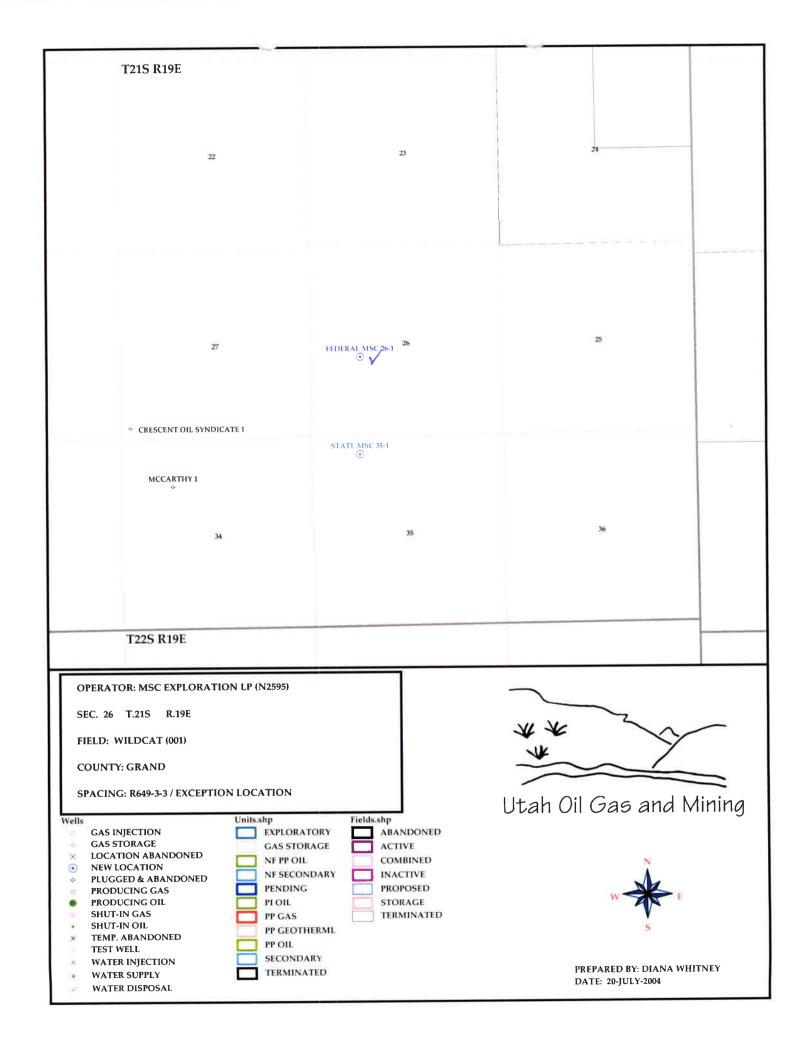
04/21/04



Gerald G. Huddleston. LS

The above is true and correct to my knowledge and belief.

APD RECEIVE	D: 07/19/2004	API NO. ASSIGNI	ED: 43-019-3140	
OPERATOR:	FEDERAL MSC 26-1 MSC EXPLORATION, LP (N2595) BRIAN WOOD	PHONE NUMBER: 5	05-466-8120	_
PROPOSED LO		INSPECT LOCATN	1 BY: / /	
	: 2240 FSL 1340 FWL	Tech Review	Initials	Date
GRAND	2240 FSL 1340 FWL	Engineering		
WILDCAT	(1)	Geology		
	1 - Federal	Surface		
SURFACE OWN	R: UTU-79787 IER: 1 - Federal ORMATION: WINGT THANE WELL? NO	LATITUDE: 38.9 LONGITUDE: 109.		
Plat Bond: (No. Potas U Oil S Water (No. N RDCC (Dat	Shale 190-5 (B) or 190-3 or 190-13	Drilling Un: Board Cause Eff Date: Siting:	General From Qtr/Qtr & 920' Exception it e No:	
COMMENTS: _				
STIPULATION	1- federal 2- Spacins	() () () () () () () () () ()		



PROVIDING PERMITS for LAND USERS (505) 466-8120

37 Verano Loop, Santa Fe, New Mexico 87508

August 12, 2004

Diana Whitney Utah Div. of Oil, Gas, & Mining P. O. Box 145801 Salt Lake City, Ut. 84114-5801

RECEIVED AUG 1 8 2004

Dear Diana,

DIV. OF OIL, GAS & MINING

On behalf of MSC Exploration L. P., I am applying for approval of an exception location for their Federal MSC 26-1 wildcat gas well in Section 26, T. 21 S., R. 19 E., Grand County. It is 60' too far north and 440' too far west. I am requesting an exception because of geology and land use. The original location, which was based on seismic, overlapped a railroad. The well was then moved to miss the railroad.

The well is staked at 2240' FSL &1340' FWL on a 1,236.80 acre BLM lease. MSC is requesting permission to drill at 2240' FSL & 1340' FWL 26-21s-19e. This is the only oil or gas well, existing or planned, in the quarter-quarter. Except for a P & A well 3/4 mile east, there are no other wells of any type within a 1 mile radius. Closest lease line is ≈175' north. That railroad lease will be communitized with MSC's BLM lease. Thus, the closest lease not part of the communitized area is 1,340' west. MSC is or will be owner of all drilling units within a minimum 1,340' radius of the proposed exception. Indeed, all 8 offset quarter-quarters are part of the same MSC lease or communitized area. The drilling units (NWSW & S2NW4 Sec. 26) toward which the well encroaches are part of the same MSC lease or communitized area.

Please keep this well "CONFIDENTIAL".

Sincerely,

Brian Wood

Faust cc:

CONFIDENTIAL

Drilling Program

1. FORMATION TOPS

The estimated tops of important geologic markers are:

Formation Name	GL Depth	KB Depth	Elevation
Mancos Shale	0'	12'	+4,916'
Dakota Sandstone	1,946'	1,958'	+2,970'
Morrison	2,391'	2,403'	+2,525'
Moab Tongue	2,786'	2,798'	+2,130'
Wingate Ss	3,311'	3,323'	+1,605'
White Rim Sandstone	5,886'	5,898'	-970'
Base White Rim	6,486'	6,498'	-1,570'
Total Depth (TD)*	7,000'	7,012'	-2,084'
Total Depth (TD)	.,	11 -1 -4 4 01	C'

^{*} all elevations reflect the proposed graded ground level of 4,916'

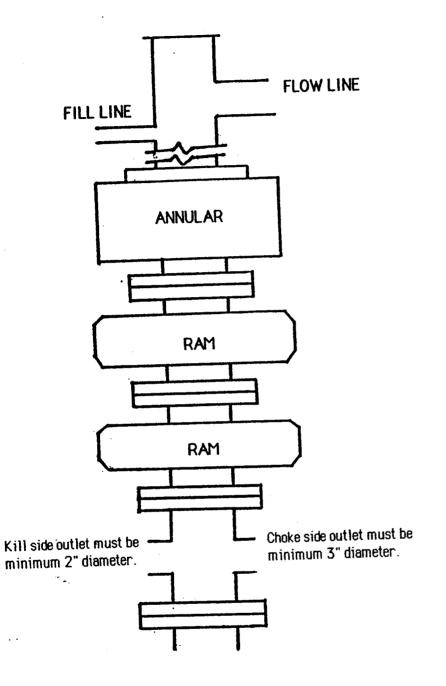
2. NOTABLE ZONES

Oil and gas are possible in the Dakota, Moab Tongue, Wingate, and White Rim. Fresh water may be found in the Wingate. Oil and gas shows which appear to the well site geologist to be commercial will be tested. All fresh water and prospectively valuable minerals will be recorded by depth and protected with casing and cement. When possible, water flow rates will be measured, samples taken and analyzed, and the results submitted to BLM.

3. PRESSURE CONTROL

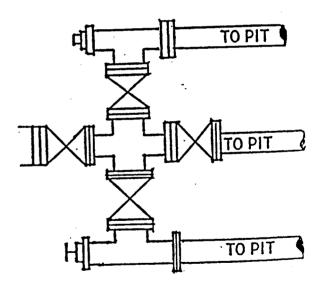
An $8-5/8" \times 11"$ casing head and 3,000 psi double ram and annular preventer with a 3,000 psi choke manifold will be used. A diagram of a typical BOP is on Page 2. Actual model will not be known until bid is let.





TYPICAL BOP STACK & CHOKE MANIFOLD

There will be at least 2 chokes and 2 choke line valves (3" minimum). The choke line will be 3" in diameter. There will be a pressure gauge on the choke manifold.



Kill line will be minimum 2" diameter and have 2 valves, one of which shall be a minimum 2" check valve.

Upper kelly cock will have handle available.

Safety valve and subs will fit all drill string connections in use.

All BOPE connections subjected to well pressure will be flanged, welded, or clamped.



CONFIDENTIAL

BOP systems will be consistent with API RP 53 and Onshore Order 2. Pressure tests of the surface casing and all BOP equipment potentially subject to pressure will be conducted before drilling the surface casing shoe. BOP controls will be installed prior to drilling the surface casing shoe and will remain in use until the well is completed or P & A. Ram preventers will be inspected inspected and operated each trip (no more than once a day is necessary). Annular preventers will be inspected and operated weekly to ensure good mechanical working order. Inspections will be recorded in the drilling log and daily drilling report. Call BLM (435 259-2100) before BOP tests.

4. CASING & CEMENT

Call BLM (435 259-2100) before running casing.

Hole Size	O. D.	<u>Weight</u>	<u>Grade</u>	<u>Thread</u>	<u>Age</u>	<u>Depth</u>
12-1/4"	8-5/8"24#	K-55	S T & C	New	500'	
7-7/8"	5-1/2"17 #	N-80	LT&C	New	7,000'	

All tubular goods will be new or inspected to premium specifications. Casing strings will be pressure tested to 0.22 psi/ft of casing string length or to 1,500 psi whichever is greater (not to exceed 70% of the internal yield strength of the casing), after cementing and prior to drilling out from under the casing shoe. Surface casing shoe will be set in a competent formation. Pressure integrity test of each casing shoe will be performed. Formation at the shoe will be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at TD of the well. This test shall be performed before drilling more than 20 feet of new hole. Centralizers will be installed on at least the bottom 3 joints of each casing string.

Surface casing will be cemented to the surface with \approx 413 cubic feet (353 sacks) Class G + 2% CaCl₂ + 1/4 pound per sack cello flake. Excess = 100% excess. Weight = 15.8 pounds per gallon. Yield 1.17 cubic feet per sack.



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Production casing will be cemented to $\approx 5,000$ ' with ≈ 425 cubic feet (337 sacks) 50/50 poz + 3% KCl + 1/4 pound per sack cello flake + 4 pounds per sack Flow Seal + 0.5% FL-52 + 2% bentonite. Weight = 14.4 pounds per gallon. Yield = 1.26 cubic feet per sack. Excess = 20%. Wait on cement, set slips with casing in full tension. Actual volumes will be determined after reviewing logs and shows. All potentially productive zones will be covered with cement.

. . .

5. MUD PROGRAM

Will drill from surface to ≈ 500 ' with air and/or fresh water mud system. Will drill from ≈ 500 ' to $\approx 3,000$ ' with air, mist. Will drill remainder of hole with aerated LSND. No chromate will be used. Sufficient mud will be on location to control well and combat lost circulation. See plan view of well site for blow pit location, which will be ≥ 100 ' from the well head. Mist will be used to control dust.

6. CORES, TESTS, & LOGS

May cut cores or may run drill stem tests depending on shows. Initial opening of drill stem test tools will be during daylight only. Mud loggers will be on site from ≈ 500 ' to TD and will collect samples every ≈ 10 '. They will have FID and chromatograph unit. Will run following logs:

GR/Dual Induction - SFL
GR/Bore Hole Compensated Sonic
GR/Neutron Density
Continuous Dip meter - FMI
Gamma Ray - Directional



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7. DOWN HOLE CONDITIONS

No abnormal temperatures or pressures or hydrogen sulfide are expected. Maximum expected bottom hole pressure will be $\approx 3,030$ psi.

8. OTHER INFORMATION

The anticipated spud date is September 15, 2004. It is expected it will take \approx 4 weeks to drill and \approx 2 weeks to complete the well.

Call BLM (435 259-2100) or the Utah Division of Oil, Gas, & Mining (801 538-5340) before plugging and abandoning the well.



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Surface Use Plan

1. <u>DIRECTIONS</u> (See Pages 12 & 13)

From the closed gas station at Crescent Junction (Exit #180 on I-70) ... Go East 1.4 miles on paved county road 175 (weight limit = 30 tons) Then turn right and go North 0.4 miles on a dirt road onto the proposed pad

Roads will be maintained to a standard at least equal to their present condition.

2. ROAD TO BE BUILT OR UPGRADED (See Page 13)

Dirt contractor will call BLM (435 259-2100) \geq 48 hours before starting construction. Surface disturbance and vehicle travel will be limited to the pad and road. Any additional area needed must be approved in advance by BLM.

An 18" \times 50' culvert will be installed in the north borrow ditch of the county road. The first 50' of road north from the pavement will be graveled with 4" of 4" minus pit run topped with 2" of gravel. The remainder of the dirt road will be flat bladed (to remove ruts) with a 16' wide running surface. Maximum disturbed width = 20', except at the culvert where it will be 50'. Maximum cut or fill = 1'. Maximum grade = 1%. No gate, cattle guard, or turnout is needed.

If the well is a producer, the dirt road will be upgraded to Class 3 Road Standards within 60 days of dismantling the rig. If the deadline cannot be met, BLM will be notified so temporary drainage control can be installed. Class 3 Road Standards control drainage by using topography, ditch turnouts, dips, out sloping, crowning, low water crossings, rock surfacing, and culverts. Crowning and ditching may use a 35' wide corridor.



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3. EXISTING WELLS (See Page 13)

There is one plugged and abandoned well within a mile. There are no existing water, disposal, oil, or gas wells within a mile.

4. PROPOSED PRODUCTION FACILITIES

A well head, pump, separator, dehydrator, and tank battery will be installed. All will be painted a flat tan or juniper green color within 6 months of installation. Site security rules in 43 CFR 3162.7-5 and Onshore Order 3 will be obeyed.

No gas line is planned at this time. However, if a gas line is applied for, approved, and installed; then the meter will be within 500' of the well head. The gas line will be buried from the well head to the meter and downstream until it exits the pad. Meter run will be housed or fenced. The meter will be calibrated before the first sale and quarterly thereafter. All gas production and measurement will comply with 43 CFR 3162.7, Onshore Order 5, and American Gas Association Report 3.

Tanks will be surrounded by an impermeable dike with sufficient capacity to hold 150% of the volume of the largest tank within the dike. All load lines and valves will be inside the dike. All oil production and measurement will comply with 43 CFR 3162.7 and Onshore Order 4.

Production facilities on the pad may include a lined or unlined produced water pit as allowed in Onshore Order 7. If water is produced from the well, an application in conformance with Order 7 will be submitted.

5. WATER SUPPLY

Water will be trucked from the Thompson Special Service District (right #92-180) load point northeast of the post office in Thompson Springs.



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6. CONSTRUCTION MATERIALS & METHODS (See Pages 14 & 15)

The dirt contractor will have an approved copy of the surface use plan on site.

Top ≈ 3 " of soil and brush will be stripped and piled east of the pad. Pit subsoil will be piled separate from the topsoil. A ditch will be cut north of the pad.

There are no plans to line the reserve pit at this time. However, if excavation reveals otherwise, the reserve pit will be lined with ≥ 24 tons of commercial bentonite worked into 3:1 slopes. No liquid hydrocarbons will be discharged onto the pit, pad, or road. Should hydrocarbons escape, they will be cleaned and removed within 48 hours.

Pit will be fenced 48" high on 3 sides with 32" high woven wire topped with 2 smooth wire stands 4" and 16" above the woven wire. Steel posts will be set ≈ 16.5 ' apart. Two stays will be used between posts. Corner posts will be ≥ 6 " diameter wood and anchored with dead men. The fourth side will be similarly fenced when drilling stops. Fence will be kept in good repair while the pit dries.

Gravel and pit run will be bought from a commercial source.

7. WASTE DISPOSAL

Human waste will be disposed of in chemical toilets, which will be hauled to a state approved dump station. All trash will be placed in a portable trash cage. It will be hauled to the county landfill. There will be no trash burial or burning.

8. ANCILLARY FACILITIES

There will be no air strips or camps. Camper trailers may be on location for the company man, tool pusher, and mud loggers.



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9. WELL SITE LAYOUT

See PAGES 14 and 15 for depictions of the well pad, cross section, cut and fill diagram, reserve pit, trash cage, access onto the location, parking, living facilities, and rig orientation.

10. RECLAMATION & REVEGETATION

Upon completion of drilling, the well site will be cleared of all debris, material, and junk not needed for production.

Reclamation will start when the reserve pit is dry. All areas not needed for production will be back filled, contoured to natural contours, and reserved topsoil spread. If the well is a producer, then enough topsoil will be saved to reclaim the rest of the pad. The topsoil pile and all reclaimed areas will be broadcast seeded between October 1 and February 28 with the following mix. Sown areas will be left rough and lightly harrowed (4" deep) after seeding. Maximum span between harrow or ripped furrows will be 6". Road will be narrowed, but left open for access to a railroad gate.

4 pounds per acre four wing saltbush 4 pounds per acre Indian ricegrass

11. SURFACE OWNER

All construction is on lease and on BLM surface.

12. OTHER INFORMATION

Closest first aid is the Green River Medical Center at 305 West Main in Green



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River, Utah. Its phone number is (435) 564-3434. It is a ≈20 minute drive west.

Closest hospital is Allen Memorial Hospital at 719 West 400 North in Moab. Its phone number is (435) 259-7191. It is a ≈30 minute drive south.

13. REPRESENTATION & CERTIFICATION

Anyone having questions concerning the APD should call:

Brian Wood, Consultant Permits West, Inc. 37 Verano Loop Santa Fe, NM 87508 (505) 466-8120

FAX: (505) 466-9682

Cellular: (505) 699-2276

The field representative will be:

Lynn Faust or Jack Stanley
MSC Exploration L. P.
16800 Imperial Valley Dr., Suite 380
Houston, TX 77060
(281) 931-8933 FAX (281) 931-8655

Mobile: (832) 434-9900

MSC Exploration L. P. is considered to be the operator of the Federal MSC 26-1 well in the NWSW 26-21s-19e, Lease UTU-79787, Grand County, Utah, and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands. Bond (\$25,000 statewide bond (UTB000113) on file with BLM in Salt Lake City) coverage for this well will be provided via surety consent as provided for in 43 CFR 3104.2. BLM will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

I hereby certify MSC Exploration L. P. has the necessary consents from the proper lease and unit interest owners to conduct lease operations in



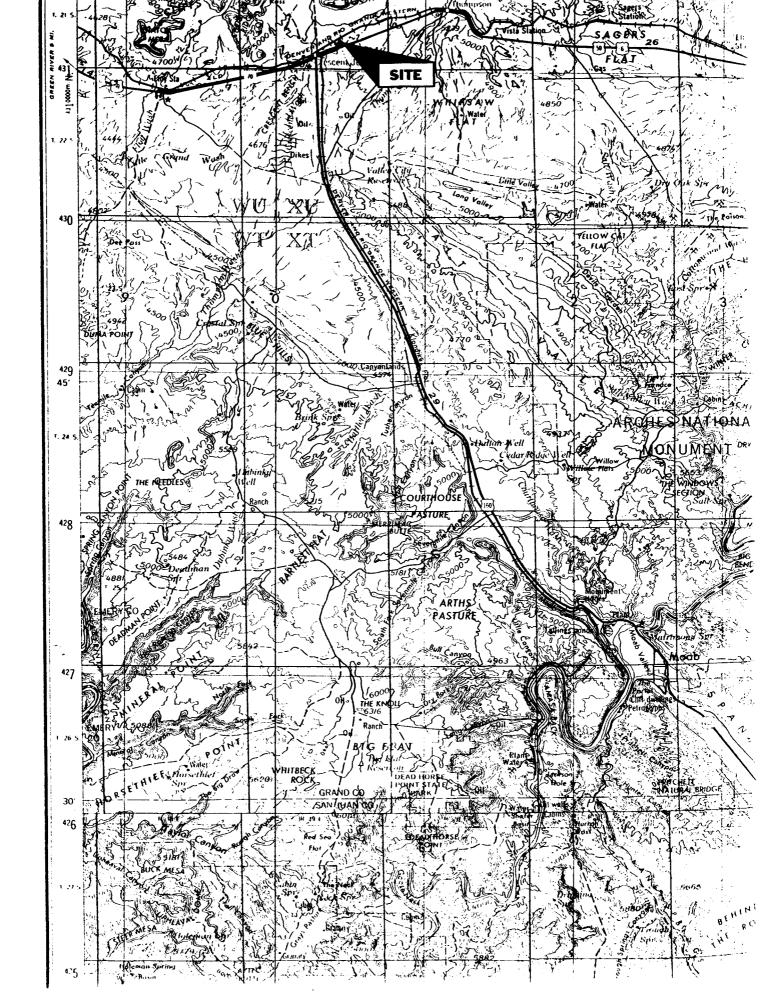
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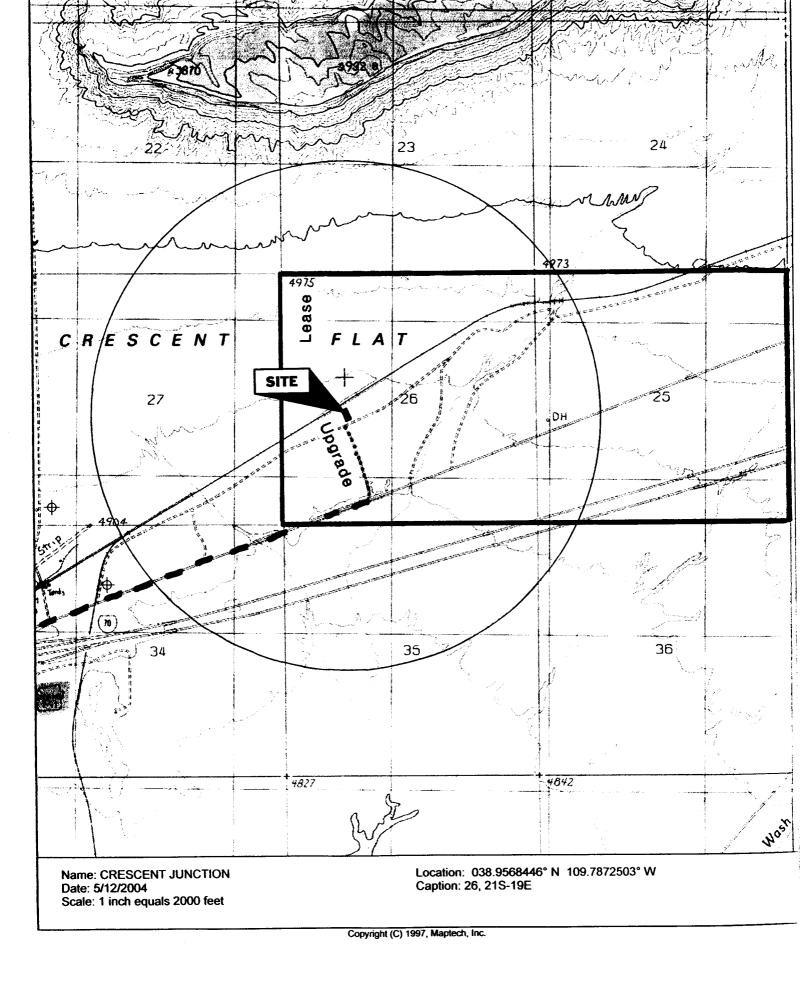
conjunction with this APD. Bond coverage *per* 43 CFR 3104 for lease activities will be provided by MSC Exploration L. P. I hereby certify I have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by MSC Exploration L. P. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U. S. C. 1001 for the filing of a false statement.

Brian Wood, Consultant

July 2, 2004







DIVERSION DITCH -



1" = 50'

section

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State of Utah

Department of Natural Resources

ROBERT L. MORGAN Executive Director

Division of Oil, Gas & Mining

LOWELL P. BRAXTON Division Director OLENE S. WALKER Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

August 18, 2004

MSC Exploration, L P 16800 Imperial Valley Dr., #380 Houston, TX 77060

Re:

Federal MSC 26-1 Well, 2240' FSL, 1340' FWL, NE SW, Sec. 26,

T. 21 South, R. 19 East, Grand County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-019-31407.

Sincerely,

John R. Baza
Associate Director

pab Enclosures

cc: Grand County Assessor

Bureau of Land Management, Moab District Office



Operator:	MSC E	xploration, L P	
Well Name & Number	Federal	MSC 26-1	
API Number:	43-019-	31407	
Lease:	UTU-79	9787	
Location: <u>NE SW</u>	Sec. 26	T. 21 South	R. 19 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

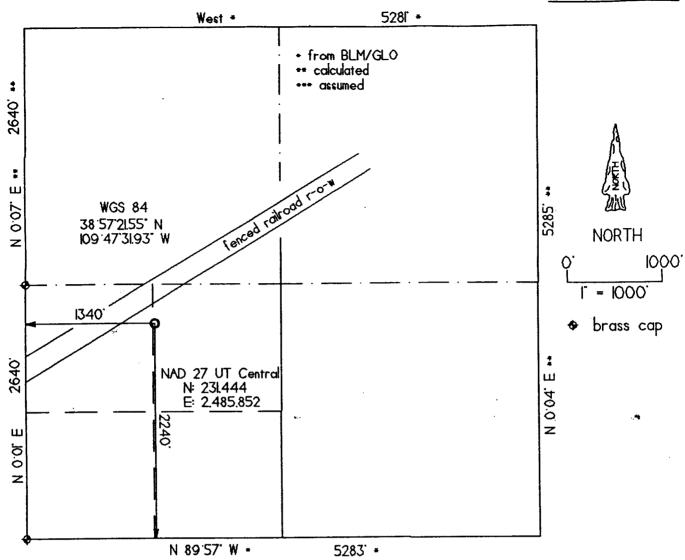
- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

UNITED STATES DEPARTMENT OF THE INT			5. Lease Serial No. UTU-79787										
BUREAU OF LAND MANAGE () () 6 APPLICATION FOR PERMIT TO DRI	MAAR FIELD OFFICE		6. If Indian, Allottee or Tribe Name										
7.1.2													
1a. Type of Work: DRILL REENTER	2004 JUL - 7 P 3: 1:	2	7. If Unit or CA Agreement, Name and No. N/A										
1b. Type of Well: Oil Well Gas Well Other	CEPT OF THE INTERIOR	le Zone	8. Lease Name and Well No. Federal MSC 26	-1									
	THE PROPERTY OF LAND FROM		9. API Well No.										
MSC Exploration L. P. 43- 019-319-07													
3a. Address 16800 Imperial Valley Dr., #380 Houston, TX 77060	3b. Phone No. (include area code) (281) 931-8933		Wildcat										
4. Location of Well (Report location clearly and in accordance with a	ny State requirements.*)		11. Sec., T., R., M., or Blk. and	Survey or Area									
At surface 2240' FSL & 1340' FWL	26-21s-19e SL	M											
At proposed prod. zone Same				13. State									
14. Distance in miles and direction from nearest town or post office* 2 air miles NE of Crescent Junction, U	IT		12. County or Parish Grand	UT									
15. Distance from proposed*	16. No. of Acres in lease	17. Spacing	Unit dedicated to this well										
location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	1,236.80	NES	SW Sec. 26 (= 40 acres)										
18. Distance from proposed location*	19. Proposed Depth	20. BLM/B	I/BIA Bond No. on file										
to nearest well, drilling, completed, applied for, on this lease, ft.	7,000'	BLM	state wide (UTB0	00113)									
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will sta	rt*	23. Estimated duration										
GL: 4,916'	Sept. 15, 2004		6 weeks										
	24. Attachments		-										
The following, completed in accordance with the requirements of Onshor	e Oil and Gas Order No.1, shall be att	ached to this	form:										
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System Land SUPO shall be filed with the appropriate Forest Service Office). 	4. Bond to cover the litem 20 above).	e operation ation. pecific infort	s unless covered by an existing nation and/or plans as may be re										
Comments													

*and 1,340' to closest lease line not planned to be part of communitized area

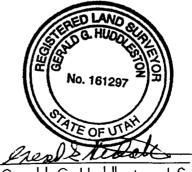
	, ^		cc: BLN	/I, Stanley, UDOGM
25. Signatur	BTURZ	Name (Printed/Typed	Brian Wood	Date 7-2-04
Title	Consultant	Phone: 505 466-8120	FAX: 505 466-96	882
Approved by	y (Signature) SI Eric C. Jones	Name (Printed/Type	d)	Date NOV - 2 20
Trat-	A = - + - +	ant Field Manager, Office in the unit of the control of the contro	a rights in the subject lease which we	RECEIVED conduct
operations in	approval does not warrant or certify hereon. of approval, if any, are attached.	the the applicant noids regar or equitable title to most	e rights in the subject rease which we	NOV 0 5 2004
Conditions	or approvar, it any, are attached.			

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any parament or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



Well Location Description

MSC EXPLORATION. L.P.
"FEDERAL MSC 26 - I
2240' FSL & I340' FWL
Section 26. T.21 S., R.19 E., SLM
Grand County. UT
4916' grd. el. (from GPS)



04/21/04

Gerald G. Huddleston. LS

The above is true and correct to my knowledge and belief.

MSC Exploration, LP Federal MSC 26-1 Lease UTU-79787 NE/SW Section 26, T21S, R19E Grand County, Utah

A COMPLETE COPY OF THIS PERMIT SHALL BE KEPT ON LOCATION from the beginning of site construction through well completion, and shall be available to contractors to ensure compliance.

P

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that MSC Exploration, LP is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UTB000113 (Principal – MSC Exploration, LP) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

This permit will be valid for a period of one year from the date of approval. After permit termination, a new application must be filed for approval.

All lease operations will be conducted in full compliance with applicable regulations (43 CFR 3100), Onshore Oil and Gas Orders, lease terms, notices to lessees, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors.

A. DRILLING PROGRAM

- 1. The proposed 3M BOPE is adequate for anticipated conditions. Installation, testing and operation of the system shall be in conformance with Onshore Oil and Gas Order No. 2.
- 2. Concurrent approval from the State of Utah, Division of Oil, Gas & Mining (DOGM) is required before conducting any surface disturbing activities.
- 3. When drilling with air, the requirements of Onshore Oil and Gas Order No. 2, part III, E, Special Drilling Operations, shall apply. Among the requirements in this section are:
 - -Spark arresters
 - -Blooie line discharge 100 feet from wellbore
 - -Straight blooie line
 - -Deduster equipment
 - -Float valve above bit
 - -Automatic igniter on the blooie line
- 4. When cementing the production casing, if cement does not circulate to surface, a cement bond log, or other appropriate tool for determining the top of cement, shall be run and shall be submitted to BLM.

B. SURFACE USE PLAN

- 1. In order to protect nesting raptors, no road/well pad construction or drilling operations will be authorized between March 1 and August 31. The limitation does not apply to maintenance and operation of producing wells. Exceptions to this limitation may be specified in writing by the Moab Field Office.
- 2. Dust control will be provided during construction and drilling operations by spraying fresh water on new road construction, roads being maintained, and the well pad.

C. REQUIRED APPROVALS, REPORTS AND NOTIFICATIONS

Required verbal notifications are summarized in Table 1, attached.

<u>Building Location</u>- Contact the Moab Field Office, Natural Resource Protection Specialist at least 48-hours prior to commencing construction of location.

<u>Spud-</u> The spud date will be reported to BLM 24-hours prior to spudding. Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted to the Moab Field Office within 24-hours after spudding, regardless of whether spud was made with a dry hole digger or big rig.

<u>Daily Drilling Reports</u>- Daily drilling reports shall detail the progress and status of the well and shall be submitted to the Moab Field Office on a weekly basis.

Monthly Reports of Operations- In accordance with Onshore Oil and Gas Order No. 1, this well shall be reported on Minerals Management Service (MMS) Form 3160, "Monthly Report of Operations," starting the month in which operations commence and continuing each month until the well is physically plugged and abandoned. This report will be filed directly with MMS.

<u>Sundry Notices</u>- There will be no deviation from the proposed drilling and/or workover program without prior approval. "Sundry Notices and Reports on Wells" (Form 3160-5) will be filed with the Moab Field Office for approval of all changes of plans and subsequent operations in accordance with 43 CFR 3162.3-2. Safe drilling and operating practices must be observed.

<u>Drilling Suspensions</u>- Operations authorized by this permit shall not be suspended for more than 30 days without prior approval of the Moab Field Office. All conditions of this approval shall be applicable during any operations conducted with a replacement rig.

<u>Undesirable Events</u>- Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be immediately reported to the BLM in accordance with requirements of NTL-3A.

<u>Cultural Resources</u>- If cultural resources are discovered during construction, work that might disturb the resources is to stop, and the Price Field Office is to be notified.

<u>First Production</u>- Should the well be successfully completed for production, the Moab Field Office will be notified when the well is placed in producing status. Such notification may be made by phone, but must be followed by a sundry notice or letter not later than five business days following the date on which the well is placed into production.

A first production conference will be scheduled as soon as the productivity of the well is apparent. This conference should be coordinated through the Moab Field Office. The Moab Field Office shall be notified prior to the first sale.

Well Completion Report- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted to the Moab Field Office not later than thirty-days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. When requested, samples (cuttings and/or samples) will be submitted to the Moab Field Office.

<u>Venting/Flaring of Gas</u>- Gas produced from this well may not be vented/flared beyond an initial, authorized test period of 30 days or 50 MMcf, whichever first occurs, without the prior, written approval of the Moab Field Office. Should gas be vented or flared without approval beyond the authorized test period, the well may be ordered shut-in until the gas can be captured or approval to continue the venting/flaring as uneconomic is granted. In such case, compensation to the lessor (BLM) shall be required for that portion of the gas that is vented/flared without approval and which is determined to have been avoidably lost.

<u>Produced Water</u>- An application for approval of a permanent disposal method and location will be submitted to the Moab Field Office for approval pursuant to Onshore Oil and Gas Order No.7.

<u>Off-Lease Measurement, Storage, Commingling</u>- Prior approval must be obtained from the Moab Field Office for off-lease measurement, off-lease storage and/or commingling (either down-hole or at the surface).

<u>Plugging and Abandonment</u>- If the well is completed as a dry hole, plugging instructions must be obtained from the Moab Field Office prior to initiating plugging operations.

A "Subsequent Report of Abandonment" (Form 3160-5) will be filed with the Moab Field Office within thirty-days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Price Field Office or the appropriate surface managing agency.

NOTIFICATIONS

Notify Rich McClure (435-259-2127) or Jack Johnson (435-259-2129) of the BLM Moab Field Office for the following:

2 days prior to commencement of dirt work, construction and reclamation (McClure);

1 day prior to spudding (Johnson);

50 feet prior to reaching the surface casing setting depth (Johnson);

3 hours prior to testing BOPs (Johnson).

If the people at the above numbers cannot be reached, notify the Moab Field Office at 435-259-2100. If unsuccessful, contact the person listed below.

Well abandonment operations require 24 hour advance notice and prior approval. In the case of newly drilled dry holes, verbal approval can be obtained by calling the Moab Field Office at 435-259-2100. If approval is needed after work hours, you may contact the following:

Eric Jones, Petroleum Engineer

Office: 435-259-2117 Home: 435-259-2214

MSC EXPLORATION, L.P.

16800 IMPERIAL VALLEY DR.. SUITE 380 HOUSTON, TEXAS 77060

PHONE: 281-931-8933 FAX: 281-931-8655

FACSIM	ILE TRANSMITTAL SHEET
TO: Mark Jones	FROM: L. Faust
COMPANY:	DATE: 4-8-05
FAX NUMBER:	TOTAL NO. OF PAGES INCLUDING COVER:
PHONE NUMBER:	SENDER'S REFERENCE NUMBER:
RE:	YOUR REFERENCE NUMBER:

RECEIVED APR 0 8 2005

DIV. OF OIL, GAS & MINING

LUNTIUENTIAL

APR 0 8 2005

Λ	~	STATE OF UTAM DEPARTMENT OF NATURAL RESOURCES	DIV. OF OIL, GAS &	MINING
0	7	DIVISION OF OIL, GAS AND MINING	,	5. LEASE DESIGNATION AND SERIAL NUMBER:
		RY NOTICES AND REPORTS ON		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: A 7. UNIT OF CA AGREEMENT NAME:
Do	one use this form for proposals to c India horizon	rill new wells, significantly deepen existing wells below oursent bottom let teterals. Use APPLICATION FOR PERMIT TO DRILL form for suc	h proposels.	B. WELL NAME and NUMBER:
1. 1	TYPE OF WELL OIL WE	LL GAS WELL OTHER		Federal MIC 26-1
2. 1	NAME OF OPERATOR:		,	8. APINUMBER: 43-019-31407
	ADDRESS DE OPERATOR:	3C Exploration, Lt	PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
		reley Dr. Storzero Houston		wildcat
4. (FOOTAGES AT SURFACE: 20	40' FSL + 1346 FWL	<u> </u>	COUNTY: GRAND
•	QTRQTR, SECTION, TOWNSHIP,	RANGE, MERIDIAN: NISW 26 215 198:	sem_	STATE: UTAH
11.	CHECK A	PROPRIATE BOXES TO INDICATE NAT	TURE OF NOTICE, REPO	RT, OR OTHER DATA
	TYPE OF SUBMISSION		TYPE OF ACTION	
		ACIDIZE DE	EEPEN	REPERFORATE CURRENT FORMATION
Ш	NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING FF	RACTURE TREAT	SIDETRACK TO REPAIR WELL
	Approximate date work will start	CASING REPAIR N	EW CONSTRUCTION	TEMPORARILY ABANDON
		CHANGE TO PREVIOUS PLANS	PERATOR CHANGE	TUBING REPAIR
		CHANGE TUBING	LUG AND ABANDON	VENT OR FLARE
П	SUBSEQUENT REPORT	CHANGE WELL NAME	LUG BACK	WATER DISPOSAL
	(Submit Original Form Only)	CHANGE WELL STATUS	RODUCTION (START/RESUME)	WATER SHUT-OFF
	Date of work completion:	COMMINGLE PRODUCING FORMATIONS R	ECLAMATION OF WELL SITE	OTHER:
		_ CONVERT WELL TYPE R	ECOMPLETE - DIFFERENT FORMATION	
12.		R COMPLETED OPERATIONS. Clearly show all pertinent of		
	S	iet CIBP @ 6390'	Dump 30'	cement on top.

(5/2000)

	PPI Tech Servi	nology ices				l Da	MSC aily I	Ex Drill	plora ing l	atior Repo	ort	T23	13 R1 -019-	19 <u>F</u> 31401	5-26 7	
		k, Lease ar Junction - F Foota	ederal M	SC #26-	1 No.		Contract F Union # AFE Amor	7	DOL Auth. TD.	<u>DFS</u>	Date on	Location		Date	Repor Nov 3	
MD 	100		Qperation				\$958,000 Rig Phon)	8,700' C. 435-220-0999 <u>Toolpush</u> e			arl Hulslande	arl Hulslander			
			g Locatio	n			Rig Fax:		4:	35-220-099		\	ern Shumwa			
Current V Wind:	Veather	BLM \	/isit ∐ No	LC50	NPDES Sample	Date		on Loc.: erator		Last BOP	Test Date		RKB	RIG ELEV		ft
Seas: Sky:		Problem?	Yes No	Pass?	Yes	No		ractor		Next BOP	Test Date		Water Depth RKB-CHF	1		ft
ASING F	RECORD asing Stri		OD	Wt.	Grade	Conn.	Jts.	Run	Setting		Liner		MW when	D	LOT	Leakoff?
onducto	r								MD	TVD	MD	TVD	Run	Pres	EMW	Leakony
-												-				
	SHT, SPE	ED AND H		ICS RE	CORD			T	Total				Avg		Grade	
BIT No	Size	Manufa		Serial	Number	J	lets	Depth In	1	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
Bit Rer	narks:						Cum. F	ROT. Hrs	PU	Wt	so	Wt	ROT	Wt	Tor	que
Pump	a	V.13-	0.4	SPM	GРM		essure	JV	Pb	Α	V	Speed	SPM		Pump Pres Pump #2	
No.		X Liner	Output gps	SPM	GPM	FIE	ssure	JV		DC	DP	1/4		, dinp ii .		
2		x 6 x 6	3.15 3.15				e e					1/2 3/4	<u> </u>			
BHA Length:		Descrip	otion:													
									-							
AUD DA1	WT.	VIS	PV	ΥP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD%	мвт	рН	Pm	Pf/Mf
PIT																
	Chi	orides	Ca	1++	Smpl	F.L. Temp	Shaker	Screens	Ho	ours M	lud Engine	er			lud Compa	ny
गा							#1	#2	Desand	Cent.						
				:			#3	#4	Desilt	Mud CI	Daily	Cost		, Cı	umulative C	ost
DIRECTION M	DNAL SU	RVEYS	D	AN	GLE	Dir	ection	Coor	dinates		'S	DL		CLOS	SURE	
DPERAT	IONS SU	MMARY	Time	Boats:			Supply B	oat Name:		·			Status:			
FROM 0600	TO 0600	HOUR	Code	MIRLI	Poorboy	Constri		oat Name:	approved i	oermit @	1430 hrs	on.	Status:	Time St	ımmarv	
				11/2/20	004. Co	ntacted	BLM and	d obtained	verbal w	aiver on 4	8 hours		Acti	ivity	Daily	Cum.
					time to		cation co	onstructio	n from Ric	h McClur	e. Will be	gin	 Mob/De Cement 			
		-		T					N. Th.		4		Circulate Direction			
				Transie	erring sta	anaby c	osis on n	ig, etc. irc	m N. Tho	mpson #2	-1		5. Drilling	nai vvork		
			·	!						•			6. Drive Pi7. Fishing			
													8. OH Log	ging		
		<u> </u>	_			-							9. Lost Cir 10. Drill Ci			
					1 22							•	11. N.U./ N	V.D.		
				-	 -				····				12. P.U./L. 13. P.U./L.			
													14. R/U; R	/D		
			<u> </u>										15. Rig Re 16. Run C			
													17. Service			
				ļ									18. Sidetra 19. Stuck			
													20. Survey 21. Trips	/		
							· · ·						22. Tst. B0			
				ļ			*						23. UR/HC 24. W.O.W			
					<u></u>								25. Wash	& Ream		
		 	-				*:						26. Well C 27. WOC	ontrol		
									1				28. Other			
Total	Hours		ļ	<u> </u>		-							Total			<u> </u>
Rig Do		Daily	Fuel U	sage	Gals		aterial on	Board				Previous		**	244	
Daily Cum.		Daily Cum.			Gals	Cemen Barite:				sx sx		Daily Co Cum. Co			,241 ,241	

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2	PPI Tech	nology	· · · · · · · · · · · · · · · · · · ·			Da	MSC iilv l	Ex	olora ing F	ation Repo	n ort					
E.		ICES k, Lease ar Junction - F			1		Contract Rig DOL DFS Date on Local Union #7 1 11/3/2004									
MD	TVD	Foots			No.		\$958,000 8,700'					С	Representative Carl Hulslander			
	<u>-</u>		t Operation			Rig Phone: 435-220-0999 100ipt Rig Fax: 435-220-0999						<u>Toolpush</u> V	ier /em Shumway			
	Weather	BLM			NPDES			on Loc.:		Last BOP	Test Date		DVP	RIG ELEV		4
Vind: Seas:		☐ Yes Problem?	No Yes	LC50) Sample I	Date		rator ractor		Next BOP	Test Date		RKB Water Depth			ft
Sky:				Pass?	Yes	□No	Ser	vice					RKB-CHF			ft
	RECORD Casing Str		OD	Wt.	Grade	Conn.	Jts.	Run	Setting MD	Depth TVD	Liner MD	Top TVD	MW when Run	Pres	LOT EMW	Leakoff?
onducto	or			· L												
													-			
	-			100 050	2000											
T, WEI BIT	GHT, SPI	EED AND H		ICS RE	CORD			Γ –	Total				Avg	- 4	Grade	C
No	Size	Manufa		Serial	Number -		ets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
									- 01	Wt		Wt	ROT	\A/t	To	rque
<u>Bit Re</u>	marks:						Cum. F	ROT. Hrs	<u> P</u> (, vvi	30	VVL	1			
ump No.	Strok	e X Liner	Output	SPM	GPM	Pre	essure	JV	Pb		AV .	Speed	SPM	Slow Pump #1	Pump Pres Pump #2	Sures Pump #3
110.	Sirok	e v citiei	gps	J						DC	DP	1/4				
1 2		9 x 6	3.15 3.15		<u> </u>	<u> </u>					<u> </u>	3/4	<u> </u>			
HA													<u></u>			
ength:		Descri	ipuon:													
UD DA	TA															
	WT.	VIS	PV	ΥP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	рН	Pm	Pf/Mf
IT			<u> </u>	ļ <u>.</u>	<u> </u>	<u></u>										
			1		Smpl	F.L.	1	<u> </u>	T				1	Γ		
IT .	Ch	lorides	Ca	a++	Temp	Temp	Shaker #1	Screens #2	He Desand		Mud Engine	er		N.	lud Compa	iny
11																Post
							#3	#4	Desilt	Mud Cl	Daily	/ Cost		Ci	umulative (ost
	IONAL SI		/D	Ι Δ6	NGLE	1 Die	rection	Coor	dinates	T .	vs	DL		CLOS	SURE	
ľ	VID.	1	-		1011						Ţ					
PERA	TIONS SU	JMMARY		<u> </u>		<u> </u>		<u> </u>		<u> </u>	I	<u> </u>	<u></u>			
	ME	HOUR	Time Code	Boats:				oat Name Soat Name				-	Status: Status:	-		
0600	0600	HOOK	Code	Clearir	ng locatio	on and o		eserve pit							ummary	
													1. Mob/De	ivity Mob	Daily	Cum. T
		-	1	 									2. Cemen			
				<u> </u>									3. Circulat			
	-	 	 	 	-								 Direction Drilling 	nai Work	 	
	 	<u> </u>					· · ·						6. Drive P	ipe		
													7. Fishing	nino	ļ	-
		 	+	 			·						8. OH Log 9. Lost Cir			<u> </u>
	1		1										10. Drill C	mt./LOT	ļ	
		 	-					- 					11. N.U./ I 12. P.U./L		-	1
	<u> </u>												13. P.U./L			
				177									14. R/U; F			-
	-	+	 	1				<u> </u>					15. Rig Ro 16. Run C		<u> </u>	$oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{ol}}}}}}}}}}}}}}}}}}$
	†		1	1									17. Service	e Rig		
	ļ		<u> </u>	-									18. Sidetr 19. Stuck		<u> </u>	
				1									20. Surve			
			1										21. Trips			
	-	1	-	-									22. Tst. B 23. UR/H		 	-
													24. W.O.V			
													25. Wash			
	· 	 	+	1									26. Well 0 27. WOC	ontrol	+	
													28. Other			
Tota	I Hours	 	-										Total		<u> </u>	
Rig D	owntime		Fuell	Jsage	0.1		Material on	Board				Previou			4,241	
Daily Cum.		Daily Cum.			Gals Gals	Ceme Barite				sx sx		Daily C Cum. C			2,885)7,126	

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?	Serv					Da	MSC aily	Ex Drill	plor ing l	atior Repo	า ort					
E		ck, Lease a Junction - F							DOL 2	DFS		Location /2004	Spud	Date		rt <u>Date</u> i, 2004
MD	TVD	Foot	age	AFE	No.		AFE Amo \$958,00		Auth. TD.	Company Repre			sentative Carl Hulslander			
			nt Operation				Rig Phone: 435-220-0999 Rig Fax: 435-220-0999				<u>Toolpusher</u> Vem Shumway					
Current Wind:	Weather	BLM Yes	Visit No	LC50	NPDÉS Sample	Date		on Loc.:		Last BOP	Test Date		RKB	RIG ELE\	ATIONS	ft
Seas:		Problem?	Yes				Cont	ractor		Next BOP	Test Date)	Water Dept	h	- 15	ft
	RECORD			Pass?	∐ Yes			rvice		<u> </u>			RKB-CHF			ft
	Casing Str	ing	OD	Wt.	Grade	Conn.	Jts.	Run	Setting MD	Depth TVD	Line MD	r Top TVD	MW when Run	Pres	LOT EMW	Leakoff?
onducto	ctor															
						-		,								
	GHT, SPI	ED AND H		ICS REC	CORD						<u> </u>					
BIT No	Size	Bit Typ Manufa		Serial	Number	· · · · · · · J	ets	Depth in	Total Footage	Hrs	WOB	Rpm	Avg ROP	Tooth	Grade Bearing	Gage
					-											
Bit Re	marks:						Cum. R	OT. Hrs	PU	Wt	sc	Wt	ROT			que
IMP No.	Stroke	X Liner	Output	SPM	GРM	Pre	ssure	1/	Pb		V	Speed	SPM		Pump Pres Pump #2	
1		x 6	gps 3.15							DC	DP	1/4				
2 HA	9	x 6	3.15	l	<u>. </u>			<u> </u>				3/4		<u></u>		
ength:		Descrip	otion:			· · · · · · · ·										
UD DA1	ГА															
т	WT.	VIS	PV	ΥP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	pН	Pm	Pf/Mf
T	-															
					Smpl	F.L.	Chatan	C								
T	Chi	orides	Ca	++	Temp	Temp	#1	Screens #2	Desand		lud Engine	er		N	ud Compa	ny .
			ł		L		#3	#4	Desilt	Mud CI	Daily	Cost		Cu	mulative C	ost
RECTION	DNAL SU	RVEYS		ANI	GLE	Dlag	ection	Capr	linates	L.,	'S	I DL		CLOS	UDE	
101				All	GLL.	Dire	SCHOIT	COUR	mates	V	3	DL.		CLUS	UNE	*********
	ONS SU	MMARY	Time a	04			0									i
ROM	то	HOUR	Code	Boats:			Crew Bo	oat Name: oat Name:				-	Status: Status:			
0600	0600			Clearing	g location	n and d	igging re	serve pit.					Acti	Time Su vity	mmary Daily	Cum.
	•								1. Rich Mo 330 11/05	Clure to o	determine)	1. Mob/De 2. Cement			
													3. Circulate	9		
				All traile	ers and e	quipme	ent move	d to #35-					4. Direction 5. Drilling	nal Work		
													6. Drive Pi 7. Fishing	ре		
													8. OH Log			
	·					:							9. Lost Circ 10. Drill Cr			
													11. N.U./ N 12. P.U./L.	I.D.		
													13. P.U./L.	D. Pipe		
							· · · · · · · · · · · · · · · · · · ·			· · ·			14. R/U; R 15. Rig Re			
													16. Run Ca 17. Service	asing		
					···········				· ·				18. Sidetra	ck Op.		
						: -							19. Stuck F 20. Survey			
													21. Trips			
					.,								22. Tst. BC 23. UR/HO			
		. 6			<u> </u>								24. W.O.W 25. Wash &			
													26. Well Co			
					······································								27. WOC 28. Other			
Total I	lours												Total			
Rig Dov	vntime	Daily	Fuel Us			Bulk Ma Cement	terial on E	Board		sx		Previous Daily Cos		\$107 \$12,		
ım.		Cum.				Barite:				SX		Cum. Cos	t	\$120	,011	

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	PPI			* *			MSC	CEX	plor	atio	n						
Technology Services							aily	Dril	ing	Report							
Block, Lease and Well No.							Contract Rig			DFS		Location	Spud Date			Report Date	
E. Crested Junction - Federal MSC #26-1 MD TVD Footage AFE No.						Union #7 AFE Amount			3 Auth, TD	. 11/3/2004 . Company Repre			Nov 6, 2004				
							\$958,000					Carl Hulsland	ier				
Present Operation Building location					e e	Rig Phone:			35-220-09		Toolpush						
L		Bullai	ng locatio	on			Rig Fax:	:		35-220-09	99	L	/ern Shumw	ray	··		
Current Weather BLM Visit NPDES							People on Loc.:			Last BOP	Test Date		RIG ELEVATIONS				
Wind:		Yes			LC50 Sample		Ор	erator					RKB		15 ft		
Seas:	Seas: Sky:		Problem? Yes				Contractor No Service			Next BOP Test Date		Water Dept	th		ft		
CASING RECOR		1	∐ No	Pass?	∐ Yes	∐ No	Service		٠	L		RKB-CHF		ft			
	Casing St		OD	Wt.	Grade	Conn.	Jts	. Run	Settin	g Depth	Line	r Top	MW when	T	LOT		
					1				MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?	
Conduct	or		ļ	ļ					ļ <u></u>	-		ļ					
ļ	 -		<u> </u>		 	-			 -	ļ	 	-		 	1		
						1 6.1								İ		<u> </u>	
			ļ	ļ												ļ	
		 					ļ ——	* *		-	 		-	 	-	<u> </u>	
BIT, WE	IGHT, SPI	ED AND H	YDRAU	LICS RE	CORD							1			!	<u> </u>	
BIT		Bit Type and Manufacturer						5	Total				Avg	T	Grade	1 6	
No	Size	Manuta	icturer	Serial	Number		lets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage	
				ļ					<u> </u>				-	<u> </u>			
Bit Remarks:						Cum. ROT. Hrs		PL	PU Wt SO Wt		Wt	ROT Wt		Torque			
Pump	r	±	i		F								Slow Pump Pressures				
		X Liner Output		SPM	SPM GPM		ssure	JV	Pb	AV		Speed	SPM			Pump #3	
								<u> </u>		DC DP		1/4					
1			3.15		ļ					ļ	Ì .	1/2		<u> </u>			
2 BHA	9	x 6	3.15	į		<u> </u>		<u> </u>	<u> </u>	L		3/4		<u></u>	<u></u>	L	
Length:		Descri	otion:														
			·				•										
MUD DA		1 1/10	T pv	l vn	l ocue	147	LUTUS	LOVE	OLDO W	1.00.00	011.01	[op #	LADT.	T	Б.	D(1)46	
PIT	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	pH	Pm	Pf/Mf	
 ''	1		 	 				1			i e			·		}	
											'	<u> </u>	L.,	· · · · · · · · · · · · · · · · · · ·		J	
	Chi	orides	۲.	Smpl a++ Temp		F.L. Temp	Shaker	Screens	ш	Hours Mud Enginee			Mud Company				
PIT							#1	The state of the s		Desand Cent.		L. g. io		Nida Company		irry	
							#3	#4	Desilt	Mud Cl	Daily	Cost		Cı	umulative C	Cost	
DIRECTI	ONAL SU	RVEYS			-		<u> </u>	<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>			
MD		TV	D	ÁN	ANGLE		ection	Coor	dinates	, V	S DL			CLOS	URE		
ODEDAT	IONS SU	MAABY						<u> </u>			İ	<u> </u>	<u> </u>		<u> </u>		
	ME	WIWARY	Time	Boats:		-	Supply B	oat Name					Status:				
FROM	TO	HOUR	Code	000.0			Crew B	-	Status:								
0600	0 1800 12.0 28 Building location													Time Summary			
														Activity		Cum.	
					Met with BLM Rep. Rich McClure at Fed MSC 26-1. He inspected the									1. Mob/DeMob			
<u> </u>	ļ	bottom of the reserve pit and stated the soil composition was of									2. Cement						
a nature that did						not re	not require a liner.						Circulat			ļ	
<u> </u>		<u> </u>		<u> </u>	·							4. Directional		nal Work			
 													5. Drilling		<u> </u>	 	
ļ											Drive Pi	pe	Ļ	ļ			

7. Fishing 8. OH Logging 9. Lost Circ. 10. Drill Cmt./LOT 11. N.U./ N.D. 12. P.U./L.D. BHA 13. P.U./L.D. Pipe 14. R/U; R/D 15. Rig Repair 16. Run Casing 17. Service Rig 18. Sidetrack Op. 19. Stuck Pipe 20. Survey 21. Trips 22. Tst. BOPs 23. UR/HO 24. W.O.W. 25. Wash & Ream 26. Well Control 27. WOC 28. Other 12 12 Total 12 12 Total Hours 12.0 Bulk Material on Board Cement: Barite: Fuel Usage Rig Downtime Previous Cost \$120,011 Gals Gals Daily Cum. \$12,885 \$132,896 sx

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	PPI Tech Serv	nology ices	y			Da	MS(aily	C Ex Drill	plora ing l	atio Rep	n ort					
	Blo	ck, Lease a	nd Well I	_		1	Contract		DOL	DES		Location	Spud	Date		rt Date
MD	TVD	Junction - I Foot			E No.		AFE Amo	ount	Auth. TD.	8,700'		/2004 ny Repres	sentative Carl Hulsland		Nov 7	7, 2004
	<u> </u>		nt Operation		i	: .	Rig Pho	ne:		35-220-09 35-220-09		Toolpust				
Current	Weather	BLM	\ field		NPDES						·					
Wind:	vveamer	Yes	VISIL No	LC50	O Sample	Date		on Loc.: erator		Last BOP	Test Date		RKB	RIG ELE	VATIONS 15	ft
Seas:		Problem?	Yes				<u> </u>	tractor		Next BOF	Test Date		Water Dept	h	10	ft
Sky:	RECORD		☐ No	Pass?	Yes	☐ No	Se	rvice					RKB-CHF			ft
	Casing Str		OD	Wt.	Grade	Conn.	Jts	. Run	Setting MD	Depth TVD	Line MD	r Top TVD	MW when Run	Pres	LOT	Leakoff?
Conducto	or			-												
					<u> </u>	L										
			<u></u>				<u> </u>				ļ			<u> </u>	 	
			ļ												_	
BIT, WEI	GHT, SPE	ED AND H	YDRAU	LICS RE					l	L	<u> </u>	L	<u> </u>			
BIT No	Size	Bit Typ Manufa		Serial	Number		lets	Depth in	Total Footage	Hrs	WOB	Rpm	Avg ROP	Tooth	Grade Bearing	Gage
Bit Re	marks:			-			Cum. F	ROT. Hrs	PÜ	Wt	SO	Wt	ROT	Wt	Toi	rque
Pump			1		Γ			T						Slow	Pump Pres	curac
No.	Stroke	X Liner	Output gps	SPM	GРM	Pre	essure	JV	Pb	DC A	NV DP	Speed 1/4	SPM		Pump #2	
2		x 6 x 6	3.15 3.15									1/2 3/4				
ВНА			51.15		<u> </u>			J.,			<u> </u>		<u> </u>		<u> </u>	
Length:		Descri	ption:												•	
MUD DA	TÀ						-									
CUT	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	МВТ	pН	Pm	Pf/Mf
PIT	_,		<u> </u>			-										ļ
			1		I Const		······									
	Chlo	orides	Ca	3++	Smpl Temp	F.L. Temp	Shaker	Screens	Но	urs M	Aud Engine	er			Aud Compa	ny
PIT							#1	#2	Desand	Cent.						
			4		•		#3	#4	Desilt	Mud Cl	Daily	Cost		Cı	umulative C	ost
DIRECTION	ONAL SU	RVEYS					<u> </u>	j]	l	L	<u> </u>		
	D	TV	D	AN	GLE	Dire	ection	Coord	linates	V	/S	DL	<u> </u>	CLOS	SURE	
				ļ		-		 			1	ļ				
OPERAT	IONS SUI	MARY	• • • • • • • • • • • • • • • • • • • •								<u> </u>	L				
TII				Boats:				oat Name:					Status:			
FROM 0600	TO 1800	HOUR 12.0	Code 28	Dirt wo	rk compl	eted S		oat Name:	k on pad.	Trucks	wit balulir		Status:	Time C	ummary	
		12.0	<u> </u>						k drilling			ig	Acti		Daily	Cum.
									complete				1. Mob/Del		 	
									mouse &	rat holes	11/07/04		2. Cement			
				Anchor	s schedu	uled to t	oe set 11	/07/04					Circulate		ļ	
													4. Direction	nal Work		
							···········						 Drilling Drive Pi 	ne		i I
									· · · · · · · · · · · · · · · · · · ·				7. Fishing	, , , , , , , , , , , , , , , , , , , ,		
													8. OH Log			
							- ··		<u>-</u>				Lost CircDrill Cn			
													11. N.U./ N			
													12. P.U./L.			
								-					13. P.U./L.			
			 				······						14. R/U; R/		<u> </u>	
			 									· · · · · ·	15. Rig Re 16. Run Ca		 	
													17. Service			
	-						~	· · · · · · · · · · · · · · · · · · ·					18. Sidetra			
						······································							19. Stuck F			
			 		-					·			20. Survey		-	
			-		·	-							21. Trips 22. Tst. BC)Ps		
													23. UR/HO			
												_	24. W.O.W			

Fuel Usage 100 100

Gals Gals

Rig Downtime

Bulk Material on Board Cement: Barite:

RECEIVED

24 24

12 12

\$132,896

\$12,385 \$145,281

25. Wash & Ream

26. Well Control 27. WOC 28. Other

Previous Cost

Daily Cost Cum. Cost

	PPI Tech Servi	nology ices		-		Da	MSC aily	>Ex Drill	plora ing l	atio Rep	n ort					
		k, Lease ar					Contract I		DOL	DFS		Location	Spud	<u>Date</u>	Repor	
		Junction - F					Union #		5		11/3/				Nov 8	, 2004
MD	TVD	Foota	ige ·	AFI	No.	·	AFE Amo		Auth. TD.		<u>Compa</u>	ny Repres				
				L		Ĺ	\$958,00		L	8,700'			Roger Knigh	<u> </u>		
		Presen	t Operation	on.			Rig Phon	e:		35-220-09		Toolpush				
					·		Rig Fax:		4	35-220-09	99	L	Terry leach			
Current V	Veather	BLM \	/isit		NPDES		People	on Loc.:		Last BOP	Test Date		1	RIG ELEV	/ATIONS	
Wind:	7000.101	Yes	l No	1.050	Sample	Date		erator		Luor Dor	1001.0010		RKB	1110 111		ft
Seas:		Problem?	Yes		o Guinpio	<u> </u>		ractor		Next BOF	Test Date		Water Depth			ft
Sky:				Pass?	Yes	No		rvice					RKB-CHF	•		ft
CASING I	RECORD															
С	asing Stri	ng	OD	Wt.	Grade	Conn.	Jts.	Run	Setting	Depth	Line	г Тор	MW when		LOT	
					<u> </u>				MD	TVD	MD	TVD	Run	Pres	EMW	Leak
Conductor	·															
					<u> </u>		<u> </u>				ļ	ļ				
										<u> </u>			ļ :			
							<u> </u>	·		ļ					ļ	
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											<u> </u>		 			
BIT WEI	SHT SPE	ED AND H	YDRAUI	ICS RE	CORD	L				<u> </u>	<u> </u>					
BIT	J. 1. 1, O. C	Bit Type		100 KL					Total	Γ	T		Avg		Grade	
No	Size	Manufa		Serial	Number	. ا	lets	Depth In	Footage	Hrs	wob	Rpm	ROP	Tooth	Bearing	Gag
																
																Ĺ
Bit Ren	narks:						Cum. F	OT. Hrs	PU	Wt	SO	Wt	ROT	Wt	Tor	que

BHA								 						
Length:		Descri	otion:						 					
				•				 						
MUD DA	TA												*	
	WT.	VIS	PV	ΥP	GELS	WL	HTHP	SLDS %		SD %	MBT	pН	Pm	Pf/Mf
PIT														

Speed 1/4

SPM

gps 3.15 3.15 GPM

PIT		_L									<u></u>		
				Ι	l	l:					<u> </u>		
	Chlorides	Ca++	Smpl	F.L. Temp	Shaker	Screens	u.	urs M	lud Engineer			lud Compai	
PIT	Chlorides	Сатт	Tellip	Tentp	#1	#2	Desand		iud Engineer		^	iuu Compai	ıy
	1		+	-	"	#2	Desailu	Cent.			1		
				<u>. </u>	#3	#4	Desilt	Mud Cl	Daily Cost		Cı	mulative C	ost
DIDECT	TOMAL CHRVEVE									•			

DII1201101111200									
MD	TVD	ANGLE	Direction	Coordinates	s	V	S	DL	CLOSURE
									The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s
OPERATIONS SIL	MMADV		l	L					

TIN				Boats:	Supply Boat Name:			Status:		
FROM	TO	HOUR	Code	<u></u>	Crew Boat Name:			Status:		
0600	0900	3.0		WO crews				Time Su	mmary	
0900	1300	4.0	5	Drilled hole to s	et conductor.			Activity	Daily	Cum.
				Ran 22' (GL) of	16" conductor.			1. Mob/DeMob		
								2. Cement		
								3. Circulate		
								4. Directional Work		
					· · · · · · · · · · · · · · · · · · ·			5. Drilling	4	4
					· · · · · · · · · · · · · · · · · · ·			6. Drive Pipe		
			<u> </u>					7. Fishing		
								8. OH Logging		
						1		9. Lost Circ.		
								10. Drill Cmt./LOT		
								11. N.U./ N.D.		
								12. P.U./L.D. BHA		
						:		13. P.U./L.D. Pipe		
						· · · · · · · · · · · · · · · · · · ·		14. R/U; R/D		
								15. Rig Repair		
								16. Run Casing		
				100				17. Service Rig		
			1					18. Sidetrack Op.		
								19. Stuck Pipe		
								20. Survey		
								21. Trips		
						· · · · · · · · · · · · · · · · · · ·		22. Tst. BOPs		
			-					23. UR/HO		
					· · · · · · · · · · · · · · · · · · ·			24. W.O.W.		
								25. Wash & Ream		
				· · · · · · · · · · · · · · · · · · ·				26. Well Control		
			†					27. WOC		
								28. Other	3	27
			<u> </u>					Total	7	31
Total	Hours	7.0		<u> </u>				. 5 (6)	•	<u> </u>
Rig Do	wntime		Fuel U	sage	Bulk Material on Board		Previous	Cost \$145	,281	
Daily		Daily		Gals	Cement:	SX	Daily Cos			
Cum.		Cum.	1	00 Gals	Barite:	SX	Cum. Cos	st \$157	,666	

RECEIVED



MSC Exploration
Daily Drilling Report

Contract Rig DOL DFS Date on Location Spud Date Report Date Nov 9, 2004

	. Crested						FE A	4	A. A. TO		11/3/				Nov 9	
<u>MD</u> 37	<u>TVD</u> 37	Foota	ine	AFE	<u> 140.</u>		AFE Amou \$958,000	_	Auth. TD.	8,700'	Compai	ny Repres	<u>entative</u> Roger Knigh	,		
J,	31	Present	Operation	on .			Rig Phon		4:	35-220-099	19	Toolpush		·		
		Rigging up		_			Rig Fax:			35-220-099 35-220-099			onrad tenne	y		
		rugging up	. J.IIOII A	.g // '			. ug , an.			000	-	<u> </u>				
Current	Weather	BLM \	/isit		NPDES		People	on Loc.:		Last BOP	Test Date			RIG ELEV	ATIONS	
Wind:		√ Yes	∐ No		Sample	Date		rator					RKB			ft
Seas:		Problem?	Yes					ractor		Next BOP	Test Date		Water Depti	<u> </u>		ft
Sky:				Pass?	Yes	□No		vice					RKB-CHF			ft
	RECORD															
	Casing Stri		OD	Wt.	Grade	Conn.	Jts.	Run	Setting	Depth	Line	Тор	MW when		LOT	
						المينيا			MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?
onducto)r		16"		LP			1	37'	37'			Air			
						.,									_	
					l							<u></u>		ļ		ļ <u>.</u>
					 	1 \$ 4.		**	2 1			<u> </u>				<u> </u>
						-										
IT, WEI	GHT, SPE	ED AND H	YDRAUL	ICS REC	ORD							<u></u>				
BIT		Bit Type				74			Total				Avg		Grade	
No	Size	Manufa		Serial 1	Number	J	ets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
B	<u> </u>						C	I		10/4	<u> </u>	18/4	52-	· \//		ane.
Bit Re	marks:						Cum. R	OT. Hrs	PU	vvt	so	Wt	ROT	VVt	101	que
		· · · · · · · · · · · · · · · · · · ·			 -		L							Slove	Pump Pres	Sures
ump No.	Ctrates	X Liner	Output	SPM	GPM	Pre	ssure	J∨	Pb	A	v	Speed	SPM		Pump Pres	
IVU.	STOKE	· A LINE	gps	OF W	J. W	10	Jour C		, ,	DC	DP	1/4	21,171	,p # 1		
1	0	x 6	3.15			-		<u> </u>			 	1/2				
2		x 6	3.15									3/4				
HA	·			<u> </u>						'				•		
ength:		Descrip	tion:													
				-												
IUD DA	TA															
	WT.	VIS	PV	ΥP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	pН	Pm	Pf/Mf
ΊΤ	<u> </u>															
			_		Smpl	F.L.	Shaka-	Screens			ud Eseir -	.00	1		lud Comn-	nv
IT.	_ Chl	orides	Ca	++	Temp	Temp			Decand		ud Engine	er	l	<u>, </u>	ud Compa	ı ı y
'IT	+					<u> </u>	#1	#2	Desand	cent.				Ī		
	L		<u> </u>				#3	#4	Desilt	Mud CI	Daily	Cost		Cu	mulative C	ost
				į.					, Juant	.,,,,,,,,			 	†		
IRECT	ONAL SU	RVEYS		;								•	•			
	ИD	TV	D	AN	GLE	Dir	ection	Coord	dinates	V	S	DL		CLOS	URE	
								<u> </u>	L	l		<u> </u>	L			
	TIONS SU	MMARY					_									
	ME	וייים		Boats:				oat Name: oat Name:				-	Status: Status:			
FROM 0600	0800	HOUR	Code	14/0 -									Siaius:	T		
	J	2.0					onductor							Time Su		C
0800	0830	0.5	2	cemen	t conduc								Act		D-3	Cum.
0830	0900 1700	0.5			or ring										Daily	
0900	. 4700		28	Set cell		Level lo	ocation						1. Mob/De	Mob	8	8
1700		8.0	1	Move in	n rig								1. Mob/De 2. Cement	Mob	· · · · · · · · · · · · · · · · · · ·	0.5
	0600	8.0 13.0		Move in									1. Mob/De 2. Cement 3. Circulat	Mob e	8	
		+	1	Move in	n rig								1. Mob/De 2. Cement 3. Circulat 4. Directio	Mob e	8	0.5
		+	1	Move in	n rig								1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling	Mob e nal Work	8	
		+	1	Move ir Rigging	n rig g up. We	elded or	n riser.						1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P	Mob e nal Work	8	0.5
		+	1	Move ir Rigging	n rig g up. We	elded or	n riser.	ig spud 1	1/09/04.				1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing	Mob e nal Work	8	0.5
		+	1	Move ir Rigging BLM, Ja	n rig g up. We	elded or	riser.		1/09/04. @ 1730 hr	s			1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P	Mob e nal Work	8	0.5
		+	1	Move ir Rigging BLM, Ja	n rig g up. We	elded or	riser.			S			1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing	Mob e nal Work ipe	8	0.5
		+	1	Move ir Rigging BLM, Ja	n rig g up. We	elded or	riser.			s			1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log	Mob e nal Work pe ging c.	8	0.5
		+	1	Move ir Rigging BLM, Ja	n rig g up. We	elded or	riser.			S			1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir	Mob e nal Work pe ging c. mt./LOT	8	0.5
		+	1	Move ir Rigging BLM, Ja	n rig g up. We	elded or	riser.			S			1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./ N	Mob e e nal Work pe ging c. mt./LOT N.D.	8	0.5
		+	1	Move ir Rigging BLM, Ja	n rig g up. We	elded or	riser.			S			1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./1 12. P.U./L	Mob e nal Work pe ging c. mt./LOT N.D.	8	0.5
		+	1	Move ir Rigging BLM, Ja	n rig g up. We	elded or	riser.			S			1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./1 12. P.U./L	Mob e nal Work ipe ging c. mt./LOT N.D. D. BHA	8 0.5	4
		+	1	Move ir Rigging BLM, Ja	n rig g up. We	elded or	riser.			S			1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./1 12. P.U./L 13. P.U./L 14. R/U; R	Mob e nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe	8	0.5
		+	1	Move ir Rigging BLM, Ja	n rig g up. We	elded or	riser.			S			1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./ I 12. P.U./L 13. P.U./L 14. R/U; R 15. Ríg Re	Mob e nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe	8 0.5	4
		+	1	Move ir Rigging BLM, Ja	n rig g up. We	elded or	riser.			S			1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ I 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C	Mob e nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe t/D epair asing	8 0.5	4
		+	1	Move ir Rigging BLM, Ja	n rig g up. We	elded or	riser.			S			1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ I 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Service	Mob e nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe t/D epair asing e Rig	8 0.5	4
		+	1	Move ir Rigging BLM, Ja	n rig g up. We	elded or	riser.			S			1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./1 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Servic 18. Sidetra	Mob e nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe t/D epair asing e Rig ack Op.	8 0.5	4
		+	1	Move ir Rigging BLM, Ja	n rig g up. We	elded or	riser.			S			1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ I 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Servic 18. Sidetra 19. Stuck	Mob e nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe t/D epair asing e Rig ack Op. Pipe	8 0.5	4
		+	1	Move ir Rigging BLM, Ja	n rig g up. We	elded or	riser.			S			1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./ 1 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Servic 18. Sidetra 19. Stuck 20. Surve	Mob e nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe t/D epair asing e Rig ack Op. Pipe	8 0.5	4
		+	1	Move ir Rigging BLM, Ja	n rig g up. We	elded or	riser.			S			1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run Ci 17. Servic 18. Sidetra 19. Stuck 20. Surve	Mob e nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe t/D epair asing e Rig ack Op. Pipe	8 0.5	4
		+	1	Move ir Rigging BLM, Ja	n rig g up. We ack John phnson (elded or	riser.			S			1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run Ci 17. Servic 18. Sidetra 19. Stuck 20. Surve 21. Trips 22. Tst. Be	Mob e nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe k/D epair asing e Rig ack Op. Pipe /	8 0.5	4
		+	1	Move ir Rigging BLM, Ja	n rig g up. We ack John phnson (elded or	tified of r			S			1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run Ci 17. Servic 18. Sidetra 19. Stuck 20. Surve	Mob e nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe k/D epair asing e Rig ack Op. Pipe /	8 0.5	4
		+	1	Move ir Rigging BLM, Ja	n rig g up. We ack John phnson (elded or	tified of r			S			1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run Ci 17. Servic 18. Sidetra 19. Stuck 20. Surve 21. Trips 22. Tst. Be	Mob e nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe t/D epair asing e Rig ack Op. Pipe /	8 0.5	4
		+	1	Move ir Rigging BLM, Ja	n rig g up. We ack John phnson (elded or	tified of r			S			1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ I 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Servic 18. Sidetra 19. Stuck 20. Surve 21. Trips 22. Tst. Ba 23. UR/HC	Mob e nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe t/D epair asing e Rig ack Op. Pipe / OPs OV.	8 0.5	4
		+	1	Move ir Rigging BLM, Ja	n rig g up. We ack John phnson (elded or	tified of r			S			1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ I 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run Ci 17. Servic 18. Sidetra 19. Stuck 20. Surve 21. Trips 22. Tst. Ba 23. UR/HC 24. W.O.V	Mob e nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe t/D epair asing e Rig ack Op. Pipe / OPs OV. & Ream	8 0.5	4
		+	1	Move ir Rigging BLM, Ja	n rig g up. We ack John phnson (elded or	tified of r			S			1. Mob/De 2. Cerment 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ 1 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run Ci 17. Servic 18. Sidetra 19. Stuck 20. Survey 21. Trips 22. Tst. Be 23. UR/HG 24. W.O.V 25. Wash 26. Well Ci	Mob e nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe t/D epair asing e Rig ack Op. Pipe / OPs OV. & Ream	8 0.5	4
		+	1	Move ir Rigging BLM, Ja	n rig g up. We ack John phnson (elded or	tified of r			S			1. Mob/De 2. Cerment 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ I 12. P.U./L 13. P.U./L 14. R/U; R 16. Run Ci 17. Servic 18. Sidetra 19. Stuck 20. Surve 21. Trips 22. Tst. Ba 23. UR/HC 24. W.O.V 25. Wash 26. Well Ci	Mob e nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe t/D epair asing e Rig ack Op. Pipe / OPs OV. & Ream	8 0.5	4
		+	1	Move ir Rigging BLM, Ja	n rig g up. We ack John phnson (elded or	tified of r	tion visit (S			1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ I 12. P.U./L 13. P.U./L 14. R/U; R 16. Run Ci 17. Servic 18. Sidetra 19. Stuck 20. Surve 21. Trips 22. Tst. Ba 23. UR/HC 24. W.O.V 25. Wash 26. Well Ci 27. WOC 28. Other	Mob e nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe t/D epair asing e Rig ack Op. Pipe / OPs OV. & Ream	13	0.5
Total		+	1	Move ir Rigging BLM, Ja	n rig g up. We ack John phnson (elded or	tified of r	tion visit (S			1. Mob/De 2. Cerment 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ I 12. P.U./L 13. P.U./L 14. R/U; R 16. Run Ci 17. Servic 18. Sidetra 19. Stuck 20. Surve 21. Trips 22. Tst. Ba 23. UR/HC 24. W.O.V 25. Wash 26. Well Ci	Mob e nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe t/D epair asing e Rig ack Op. Pipe / OPs OV. & Ream	13	13
	0600	13.0	1	Move in Rigging	n rig g up. We ack John phnson (elded or	tified of r	tion visit (S		Previous	1. Mob/De 2. Cerment 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./1 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run Ci 17. Servic 18. Sidetra 19. Stuck 20. Survey 21. Trips 22. Tst. Bo 23. UR/HC 24. W.O.V 25. Wash 26. Well Ci 27. WOC 28. Other Total	Mob e nal Work pe ging c. mt./LOT N.D. D. BHA D. Pipe d/D epair asing e Rig ack Op. Pipe // OPs OV. & Ream control	13	0.5
Rig Do Daily	Hours	13.0	1 14 14 14 14 14 14 14 14 14 14 14 14 14	Move in Rigging BLM, Jack Jo	ack Johnson (Bulk M.	tified of r	tion visit (S		Daily Co	1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run Ci 17. Servic 18. Sidetra 19. Stuck 20. Surve 21. Trips 22. Tst. Br 23. UR/HC 24. W.O.V 25. Wash 26. Well Ci 27. WOC 28. Other Total	Mob e nal Work pe ging c. mt./LOT N.D. D. BHA D. Pipe t/D epair asing e Rig ack Op. Pipe / OPs OV. & Ream control \$15: \$13	13 13 2.5 2.4 7.666 .505	0.5
	Hours	13.0	1 14 14 14 14 14 14 14 14 14 14 14 14 14	Move in Rigging	ack Johnson (elded or	tified of r	tion visit (1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run Ci 17. Servic 18. Sidetra 19. Stuck 20. Surve 21. Trips 22. Tst. Br 23. UR/HC 24. W.O.V 25. Wash 26. Well Ci 27. WOC 28. Other Total	Mob e nal Work pe ging c. mt./LOT N.D. D. BHA D. Pipe t/D epair asing e Rig ack Op. Pipe / OPs OV. & Ream control \$15: \$13	13 13 2.5 24	0.5
Rig Do Daily	Hours	13.0	1 14 14 14 14 14 14 14 14 14 14 14 14 14	Move in Rigging BLM, Jack Jo	ack Johnson (Bulk M.	tified of r	tion visit (SX		Daily Co Cum. Co	1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run Ci 17. Servic 18. Sidetra 19. Stuck 20. Surve 21. Trips 22. Tst. Br 23. UR/HC 24. W.O.V 25. Wash 26. Well Ci 27. WOC 28. Other Total	Mob e nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe t/D epair asing e Rig ack Op. Pipe / OPs OV. & Ream control \$157	13 13 2.5 2.4 7.666 .505	0.5

RECEIVED

	Serv					Da	aily	Drill	plor ing	Rep	ort					
		ck, Lease a Junction - I			-1	1	Contract Union #		DOL 7	<u>DF\$</u>	1	Location /2004	Spud Nov 10			ort Date 0, 2004
MD	TVD	Foot	age		E No.	<u> </u>	AFE Amo	<u>ount</u>	Auth, TD.			ny Repre	entative		1 1101 1	0, 2004
232	232	19 Preser	o nt Operati	ion_	· · · · · · ·	<u> </u>	\$958,00 Rig Phor		4	8,700° 35-220-09	99	Toolpust	Roger Knigh	ıt		
		Air Drillin	g Surface	Hole		<u>. </u>	Rig Fax:		4	35-220-09	99	(hris Chapm	an		
_	Weather	BLM	Visit		NPDES		People	on Loc.:		Last BOF	Test Date)	L	RIG ELE	VATIONS	
Wind: Seas:		Yes Problem?	No		0 Sample	Date		erator tractor		Next BO	P Test Dat		RKB Water Dept	h	15	ft ft
Sky:				Pass?	Yes	. □ No		rvice		Next BOI	1630 Date		RKB-CHF			ft
	RECORD Casing Str		OD	Wt.	Grade	Conn.	Jts	. Run	Setting	g Depth	Line	т Тор	MW when	1	LOT	
			46"	-	LP	<u> </u>	<u> </u>		MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff
Conduct	or		16"		LP			1	37'	37'		-	Air			
ļ			 		-				ļ			.				
					 	<u> </u>	<u> </u>		<u> </u>							
					 	-		 			ļ			· · · · · · · · · · · · · · · · · · ·		
BIT, WE	GHT, SPI	ED AND H		ICS RE	CORD	1		<u></u>	L Žatat	<u> </u>	·		A		Ozzda	<u> </u>
No	Size	Manufa		Serial	Number-	,	Jets	Depth In	Total Footage	Hrs	WOB	Rpm	Avg ROP	Tooth	Grade Bearing	Gage
1	12 3/8	Marquis	C6236	110	11	<u> </u>		37'	195'	5 1/2	3 - 4	40	35.5		-	
Bit Re	marks:	1.		<u> </u>			Cum. F	ROT. Hrs	PL	Wt	sc) Wt	ROT	Wt	To	rque
Pump			1			I		1		<u> </u>	<u> </u>	Т	<u> </u>	Slow	Pump Pres	ssures
No.	Stroke	X Liner	Output gps	SPM	GPM	Pre	ssure	JV	Pb	DC	AV DP	Speed 1/4	SPM	Pump #1	Pump #2	Pump #3
1		x 6	3.15		<u> </u>							1/2				
BHA	9	x 6	3.15		<u> </u>	<u> </u>		<u> </u>				3/4			l	
Length:		Descri	ption:	bit (.35')	hammer	(5.84') >	(O (2.46')	, 6 - 6" DC	s (188.02)						•	
					-											
MUD DA	,											····				
PIT	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	pН	Pm	Pf/Mf
rii																
			T		Smpl	F.L.			F				ı			
PIT	Chl	orides	Ca	++	Temp	Temp		Screens			lud Engine	er		M	lud Compa	ny
							#1	#2	Desand		<u> </u>					
							#3	#4	Desilt	Mud CI	Daily	/ Cost		Cı	mulative C	ost
	ONAL SU				a e					· · · · · · · · · · · · · · · · · · ·	<u> </u>			0: 05	55	
I.V	/ID	TV	<u> </u>	AN	GLE	Dire	ection	Coore	dinates	<u> </u>	/Ś	DL		CLOS	URE	
OPÉRAT	IONS SU	MMARY						l								
Ti	ME		Time	Boats:				oat Name:				_	Status:			
FROM 0600	TO 1930	HOUR 13.5	Code 14	Hook	n blooin	lino ian		oat Name:	or. Riggin				Status:	Ti C.		
	1000	13.3		air pacl		ine ign	itor a spa	aik airesi	or. Riggin	ig up			Acti	Time Sι vity	Immary Daily	Cum.
1930	2300	3.5	14		use hole								1. Mob/Del			8
2300	0030	1.5	12				head rul						2. Cement			0.5
0030	0600	5.5	5	,				ir mist to 2	232'				 Circulate Direction 			
													5. Drilling		5.5	9.5
ļ				Nation.	DIMA		3 4045 b	44/	NO/04				6. Drive Pi	ре		-
ļ		<u> </u>		Notified	BLM OF	spua @	y 1915 n	rs on 11/0	19/04				7. Fishing 8. OH Logg	nina		
													9. Lost Circ			
									···				10. Drill Cr		ļ	
													11. N.U./ N 12. P.U./L.		1.5	1.5
													13. P.U./L.			
<u> </u>													14. R/U; R		17	30
 						11 11	-	· · · · ·				·	15. Rig Re 16. Run Ca		ļ	
													17. Service	Rig		
<u> </u>	ļ	-	<u> </u>				-		,				18. Sidetra			
	<u> </u>			-									19. Stuck F 20. Survey			<u> </u>
	1															<u></u>

Total Hours

Rig Downtime

24.0

Daily Cum. Fuel Usage 700 1000 Bulk Material on Board Cement: Barite:

SX

 Previous Cost
 \$171,171

 Daily Cost
 \$18,480

 Cum. Cost
 \$189,651

 RECEIVED

29.5

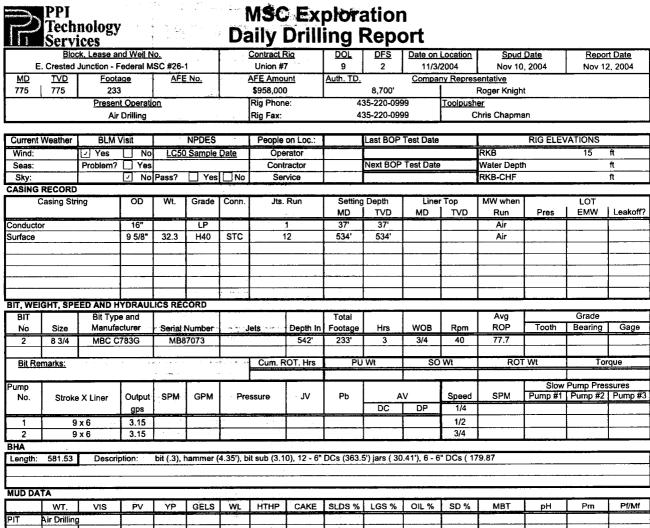
21, Trips
22, Tst. BOPs
23, UR/HO
24, W.O.W.
25, Wash & Ream
26, Well Control
27, WOC
28, Other



MSC Exploration Daily Drilling Report

		k, Lease a		7.1			Contract		DOL	DFS		Location	Spud	Date	Repor	rt Date
MD	E. Crested	Junction - F			1 ≣ No.		Union # AFE Amo		8 Auth. TD.	1		2004 ny Repres		0, 2004	Nov 11	1, 2004
542	542	310					\$958,00	0		8,700'		l	Roger Knigh	nt		
			t Operation				Rig Phor Rig Fax:	e:		35-220-099 35-220-099		Toolpush	<u>ier</u> Chris Chapma	an		
<u> </u>																
Currer Wind:	t Weather	BLM Yes	/isit No	LC50	NPDES Sample	Date		on Loc.:	<u> </u>	Last BOP	Test Date		RKB	RIG ELEV		ft
Seas:		Problem?	Yes				Conf	tractor		Next BOP	Test Date)	Water Dept	:h		ft
Sky:	RECORD	L	✓ No	Pass?	Yes	∐ No	Se	rvice	<u> </u>				RKB-CHF			ft
	Casing Str		OD	Wt.	Grade	Conn.	Jts.	Run		Depth	1	Тор	MW when		LOT	l
Conduc	tor		16"		l LP			1	MD 37'	TVD 37'	MD	TVD	Run	Pres	EMW	Leakoff?
Surface			9 5/8"	32.3	H40	STC		12	534'	534'		ļ	Air			
		• • • • • • • • • • • • • • • • • • • •			ļ						 		<u> </u>			
-																
BIT, WI	EIGHT, SPE	ED AND H		ICS RE	CORD		pingur.	F	Total		1	1	Avg		Grade	
No	Size	Manufa	cturer ·		Number	J	ets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
11	12 3/8	Marquis	C6236	110	11			37'	503'	11 1/2	2/4	40	43.7	-		
Bit F	temarks:			. **			Cum. F	OT. Hrs	PU	Wt	so	Wt	ROT	T Wt _	Tor	que
Pump							L	<u> </u>	<u> </u>						Pump Pres	
No.	Stroke	X Liner	Output gps	SPM	GPM -	Pre	ssure	JV	Pb	DC	V DP	Speed 1/4	SPM	Pump #1	Pump #2	Pump #3
1		x 6	3.15		†							1/2				
2 BHA	9	x 6	3.15					L	L			3/4				
Length	:	Descrip	otion:			•	1			<u>-</u>						
MUD D	ATA		-													
-	WT.	VIS	PV	ΥP	GELS	WL	HTHP	CAKE	SLD\$ %	LGS %	OIL %	SD %	MBT	pН	Pm	Pf/Mf
PIT	Air Drilling) 			 									 		
				·	I Count			<u>' </u>	1 - 1 - 1	<u> </u>						
	Chli	orides	Ca	1++	Smpl Temp	F.L. Temp	Shaker	Screens	Ho	ours M	lud Engine	er		<u> </u>	lud Compar	ny
PIT							#1	#2	Desand	Cent.						
	<u></u>		l		<u></u>	1	#3	#4	Desilt	Mud Cl	Daily	Cost		Cı	mulative C	ost
DIRECT	TIONAL SU	RVEYS				- 2		L								
	MD	T∨	D '	AN	IGLE	Dir	ection	Coore	dinates	J V	/S	DL		CLOS	URE	
\vdash						 			-		 		<u> </u>			
	TIONS SU	MMARY		D 4			Summit of	N					Chatura			
FROM	TIME TO	HOUR	Time Code	Boats:				oat Name: oat Name:				-	Status: Status:			-
0600 1130		5.5			3/8" hol			N			~**			Time Su		
1330		2.0 1.0			3/8" hol	_		onanged s	ѕипасе рі	pe to 9 5/8	5" 		1. Mob/De	ivity	Daily	Cum. 8
1430		2.0	3			···		load 9 5/	8" pipe. L	oad 8 5/8	" pipe		2. Cement		2	2.5
1630		1.5	21		_) hamme	r and bit				·- · · · · · · ·	3. Circulat		4	4
1800 2300		5.0 2.0			sing crev		u/ 12 its	534' 9.5/	'8" H40 3	32.3 ppf, S	TC casin		4. Directio 5. Drilling	nal Work	6.5	16
										л. Jack Jo		٠	6. Drive Pi		5.5	
0100	0300	2.0	2							G w/ 2%			7. Fishing			
		<u> </u>						1.15 CF/ ver displ)		sx water.	Bumped ;	olug	8. OH Log9. Lost Cir			
				•						was held			10. Drill C			
0300	0600				d plug @	0300	hrs. 25 b	bls to pit.	Cement	to surf.			11. N.U./ N			
0300	0000	3.0	27	woc					-				12. P.U./L 13. P.U./L			1.5
													14. R/U; R			30
<u> </u>			ļ	BLM Ja	ack John	son ins	pected ri	g for com	pliance. A	All OK			15. Rig Re			
	+	 		 		· · ·	<u> </u>			ä			16. Run C 17. Service		2	2
													18. Sidetra			
<u> </u>	-	ļ											19. Stuck			
 		 	 -	<u> </u>									20. Survey 21. Trips		1,5	1.5
													21. This 22. Tst. Bo	OPs_	1,3	1.5
				ļ									23. UR/HC			
<u> </u>	<u> </u>							*					24. W.O.W 25. Wash			<u> </u>
-	-	 	 		4134	-							26. Well C			
													27. WOC		3	3
ļ		ļ		 		•							28. Other Total		5 24	34.5 103
	al Hours	24.0	 	<u> </u>									TOTAL		24	103
Rig [
	Downtime	Daily	Fuel U		Gale		aterial on	Board	<u> </u>	SY		Previous			9,651 342	
Daily Cum.		Daily Cum.	5	sage 70 570	Gals Gals	Bulk Ma Cemen Barite:		Board		sx sx		Previous Daily Co Cum. Co	st	\$38	9,651 ,342 7,993	

RECEIVED



	WT.	VIS	PV	ΥP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	рН	Pm	Pf/Mf
PIT	Air Drilling					- 14										
			1	L				L					L		<u> </u>	L
					Smpl	F.L.								Г		
	Chic	rides		++	Temp	Temp	Shaker	Screens	Ho		lud Engine			١ ٨	lud Compa	
PIT							#1	#2	Desand	Cent.						
	<u> </u>				<u>L</u>								,			
							#3	#4	Desilt	Mud Cl	Daily			L	umulative C	ost
1								İ					ł			

IRECTIONAL SU	RVEYS						
MD	TVD	ANGLE	Direction	Coordinates	VS	DL	CLOSURE
		T	[
						T	
ERATIONS SU	MMARY						

	ME	WIDE STATE	Time	Boats:	Supply Boat Na	ame:		Status:		
FROM	TO	HOUR	Code	Doars.	Crew Boat Na	~	-	Status:		-
0600	0900	3.0	27	woc				Time Su	mmary	
0900	1030	1.5	11.		d cut conductor			Activity	Daily	Cum
1030	1200	1.5	11		weld on casing head			1. Mob/DeMob		8
1200	1330	1.5	11	Wait on well he	ad to cool and test.			2. Cement		2.5
1330	1630	3.0	11	Nipple up BOP's	s.			3. Circulate		4
1630	1700	0.5	22	Test kelly. High	3000 psi, low 250 ps	i		4. Directional Work		
1700	1800	1.0	22	Test BOPs. Pipe	e rams would not hold	l. Remove & replace pipe ram ru	bbers	5. Drilling	3	19
1800	2130	3.5	22	Test BOPs, hyd	rill, choke & casing			6. Drive Pipe		
				Blind & pipe ran	ns - 3000 psi 10 min.	250 psi for 5 min		7. Fishing		
				Annular - 1500	psi for 10 min. 250 ps	si for 5 min		8. OH Logging		
				Choke line, kill l	ine, upper kelly, lowe	r kelly, choke, safety valves -		9. Lost Circ.		
				3000 psi for 1	0 mins. 250 psi for 5 i	nins.		10. Drill Cmt./LOT	2	2
				Casing tested to	1500 psi for 30 mins	. Test witnessed and approved	by	11. N.U./ N.D.	9	9
				Jack Johnson, E	BLM			12. P.U./L.D. BHA		1.5
2130	2300	1.5	11	Nippple up air h	ead & flow line			13. P.U./L.D. Pipe		
2300	0100	2.0	21	PU air hammer	& TIH			14. R/U; R/D		30
0100	0300	2.0	10	Dry up hole, dril	il out plug and shoe			15. Rig Repair		
0300	0600	3.0	5	Drill 8 3/4" hole	from 542' to 775'			16. Run Casing		2
			<u> </u>					17. Service Rig		
								18. Sidetrack Op.		
					<u> </u>			19. Stuck Pipe		
L								20. Survey		
								21. Trips	2	3.5
								22. Tst. BOPs	5	5
								23. UR/HO		
								24. W.O.W.		
								25. Wash & Ream		
								26. Well Control		
								27. WOC	3	6
					Marine State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of th			28. Other		34.5
								Total	24	127
	Hours	24.0								
	wntime		Fuel U		Bulk Material on Board		Previous		,993	
Daily		Daily		40 Gals	Cement:	sx	Daily Cos		,885	
Cum.	L	Cum.	19	910 Gals	Barite:	sx	Cum. Co	st \$27;	3,878	

RECEIVED

\Rightarrow	PPI					-	MSC	Ex	plor	atior	1					
	Serv	nology ices				Da	aily	Drill	ing l	Repo	ort					
	Bloc	k. Lease a			4		Contract Union #		DOL	DFS		Location	Spud			rt Date
MD	TVD	Junction - F			No.		AFE Amo		10 Auth, TD.	3		/2004 ny Repres	Nov 10 entative	, 2004	Nov 1	3, 2004
2,557	2,557	1,78	32 It Operati				\$958,000 Rig Phon		L	8,700°	00	Toolpush	Roger Knigh	ıt		
			Drilling	OII			Rig Fax:	io.		35-220-09			hris Chapma	an		
Current	Weather	BLM	Visit	<u> </u>	NPDES		People	on Loc.:		Last BOP	Test Date	 	1	RIG ELE\	/ATIONS	
Wind:		✓ Yes	∐ No		Sample	Date		erator					RKB		15	ft
Seas: Sky:		Problem?	_=_	Pass?	Yes	□ No		tractor rvice		Next BOP	Test Date)	Water Dept RKB-CHF	h		ft
CASING	RECORD													,		
'	Casing Stri	ing	OD	Wt.	Grade	Conn.	Jts.	. Run	Setting MD	g Depth TVD	Line MD	r Top TVD	MW when Run	Pres	LOT EMW	Leakoff?
Conducto	or		16"	20.0	LP	070		1	37'	37'			Air			
Surface			9 5/8"	32.3	H40	STC		12	534'	534'	1		Air	1	1	-
											ļ	ļ				
				İ					· · · · · ·							
RIT WEI	GHT SPE	ED AND H	YDRAUI	ICS RE	ORD							ŀ				<u> </u>
BIT		Bit Typ	e and	100112		T		1	Total]	Avg		Grade	
No 2	Size 8 3/4	Manufa MBC C			Number 7073		Jets	Depth In 542'	Footage 2,015'	Hrs 24 1/2	WOB 3/5	Rpm 40	ROP 82.2	Tooth	Bearing	Gage
		lii.bo c	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				·····			<u> </u>						
Bit Re	marks:						Cum. F	ROT. Hrs	PL	J Wt	l sc) Wt	RO1	Wt	101	rque
Pump No.	Ctroke	X Liner	Output	SPM	GPM	Dre	ssure	JV	Pb		·	Speed	SPM		Pump Pres Pump #2	
INO.	Struke	A LINE	gps	J. W.	J		,33u16			DC	DP	1/4	<u> </u>	1 4 4 1 1	T Grip #2	
1 2		x 6 x 6	3.15 3.15	:-						ļ		1/2 3/4				
BHA		X 0	3.13		<u> </u>	L		J		<u> </u>	L	3/4		I	·	<u> </u>
Length:	581.53	Descri	ption:	bit (.3), l	nammer ((4.35'), b	it sub (3.1	10), 12 - 6"	DCs (363.	5') jars (30	0.41'), 6 - 6	6" DCs (1	79.87			
	•															
MUD DA		1 1/10	Lsv	1 7/2	Losio	LAN	UTUD	DAKE	0,00,0	1.00%	1 011 01	00.00	MOT	1	5-	D4/144
PIT	WT. Air Drilling	VIS	PV air 18	YP 300 scf 3	GELS 50 psi	WL	HTHP	CAKE	SLDS %	LGS %	OIL%	SD %	MBT	ρH	Pm	Pf/Mf
				I	<u> </u>			ļ		İ			L	İ		
	1		T		Smpl	F.L.			<u> </u>				T			
PIT	Chlo	orides	Ca	3++	Temp	Temp	Shaker #1	Screens #2		ours M	lud Engine	еег		N .	lud Compa	ny
											1					
							#3	#4	Desilt	Mud Cl	Daily	/ Cost	l T	L Ci	umulative C	ost
	ONAL SU							<u> </u>				· · · · · · · · · · · · · · · · · · ·				
	4D 198	149			GLE 00 °	Dir	ection	Coord	dinates	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	/S	DL	1	CLOS	SURE	
20	004	200			00°			İ								
	IIONS SUI ME	MMARY_	Time	Boats:			Supply B	oat Name:		·			Status:			
FROM	10	HOUR	Code				Crew B	loat Name:				_	Status:			
0600 0730	0730 0800	1.5 0.5	5 20		5' to 957 915' - 3						· · · ·		Act	Time Su	Jmmary Daily	Cum.
0800	1500	7.0	5		1540' w/		<u>' </u>	·					1. Mob/De		1	8
1500	1600	1.0	20	•			ervice rig	g. Change	e out rota	ting rubbe	rs		2. Cement			2.5
1600 2200	2200	6.0 0.5	5 20		2033' w/ 2004' 2								 Circulat Directio 		<u> </u>	4
2230	0600	7.5	5				ole still d	lry					5. Drilling	IIAI VVOIK	22	41
							, ,						6. Drive Pi			
<u> </u>			-										7. Fishing			<u> </u>
													8. OH Log 9. Lost Cir			
													10. Drill Cı			2
	-		-	ļ									11. N.U./ I			9
<u> </u>	-						****		-				12. P.U./L 13. P.U./L			1.5
									:				14. R/U; R			30
				Manco	s Shale	Surfac	е	Dal	kota Silt	2466'			15. Rig Re			
		 	 					 					16. Run C 17. Service			2
													18. Sidetra			
				BKG =	4-11 u								19. Stuck	Pipe		

20. Survey Conn = 0 u 21. Trips 22. Tst. BOPs 3.5 Trip = na Max Form. Gas = 0 u 5 No new shows 23, UR/HO 24. W.O.W. 25. Wash & Ream 26. Well Control 27. WOC 28. Other 6 34.5 151 Total 24.0 Total Hours Bulk Material on Board Cement: Barite: \$252,111 \$51,944 RECEIVED Fuel Usage 1430 3340 Rig Downtime Previous Cost
Daily Cost
Cum. Cost Daily Cum. sx sx Daily



PPI MSC Exploration Technology Daily Drilling Report

4 1 1	126LA	ices		Dany Dim	9 .	vop.	J. C				
	Bloc	k, Lease and Well N	lo.	Contract Rig	DOL	DFS	Date on	Location	Spud Date	Report Date	
E	. Crested	Junction - Federal M	ISC #26-1	Union #7	11	4	11/3/	2004	Nov 10, 2004	Nov 14, 2004	
MD	<u>TVD</u>	<u>Footage</u>	AFE No.	AFE Amount	ount Auth. TD. Company Representative						
2,700				\$958,000		8,700	1		Roger Knight		
		Present Operati	on.	Rig Phone:	435-220-0999 <u>Toolpusher</u>						
	Wash	ing & Reaming Cond	litioning Mud	Rig Fax:	43	435-220-0999 Chris Chapman					

Washing & Reaming Conditioning Mud							Rig Fax:	e.		35-220-099 35-220-099		TOOIDUST	i er Chris Chapma		Grade			
	**4001111	ny or reali	mig Coriu	ruominy r	MUU		ruy rax.		- 4	33-220-03	,,,	<u> </u>	ина опарша	ai i				
Current Wea	ather	BLM \	∕isit	,	NPDES		People	on Loc.:	15	Last BOP	Test Date			RIG ELEV	/ATIONS			
Wind:		✓ Yes	∐ No	LC50	Sample	Date	Ope	erator	1		1/11/2004		RKB		15	ft		
Seas:		Problem?	Yes				Conf	ractor	11	Next BOP	Test Date		Water Depti	n		ft		
Sky:			✓ No	Pass?	Yes	☐ No	Se	rvice	3		12//11/04		RKB-CHF			ft		
ASING REC	CORD																	
Casi	ng Strir	ng	OD	Wt.	Grade	Conn.	Jts.	Run	Setting MD	Depth TVD	Liner MD	Top TVD	MW when Run	Pres		Leakofl		
Conductor			16"		LP			1	37'	37'			Air					
Surface			9 5/8"	32.3	H40	STC		12	534'	534'			Air					
														ļ		↓		
														L		<u> </u>		
					—		ļ			-		ļ		l	ļ	 		
												.	-		 	 		
IT, WEIGHT	SDE	ED AND P	YDRAIII	IČS RE	ORD		ļ			L		<u> </u>		<u> </u>		<u> </u>		
BIT	., <u>o.</u> E	Bit Type				4 . 61			Total				Avg	Γ	Grade			
ľ	Size	Manufa		Serial	Number		ets	Depth In	Footage	Hrs	wob	Rpm	ROP	Tooth		Gage		
	3/4	MBC C	783G		7073			542'	2,158'	27 1/2	3/5	40	78.5					
	3/4	STC ME			515v	16,	16,16	2,700'								1		
Bit Remar					Cum. F	ROT, Hrs	PU	Wt	so	Wt	ROT	Wt	To	rque				
ump															Pump Pres			
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	٦٧	Pb	DC A	V DP	Speed 1/4	SPM	Pump #1	Pump #2	Pump #		
			gps							DC	υΡ			 	ļ — —	 		
1		x 6	3.15							-		1/2 3/4				 		
2	9 3	x 6	3.15		L							3/4		<u> </u>		l		
BHA	9.63	Descri	-4i	h:4/4\	t (27	DAI\ 1	C" DC= /2	0.83'), IBS	(4 97') D(2 (20 021)	DC /2 C/1	10 DCs/	204 95)					
Length: 60	19.03	Descri			.41'), 6 - 6			0.03), 163	(4.27). DC	(30.62),	03 (3.04)	, to DCs(301.03)					
				jars (30	.41), 6 - 6	o DCs (1/9.6/)											
NUD DATA	_										-							
	NT.	VIS	PV	ΥP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	мвт	рН	Pm	Pf/Mf		
	/V1.	VIS	PV	117	GELS	VVL	, חוחר	CARE	SLUS %	LGS 76	OIL 76	SD %	IVID1	j pπ	FIII	FIJIVII		
PIT	-		 		-	 -					· · · · -	 				-		
L			L		L	L	L	L	L	L	L	L	I	i	L	L		
			1		Smpl	F.L.	1						1					
	Chlo	rides	l ca	++	Temp	Temp	Shaker	Screens	s Hours Mud Engineer			er		۱ ۸	lud Compa	inv		
it i			<u> </u>		T	 	#1	#2	Desand			<u></u>	<u> </u>					
					 						1			l				
''						ı		1										
			<u> </u>			L	#3	#4	Desilt	Mud CI	Daily	Cost	T	Cı	umulative C	Cost		

	DIVECTIONYE 30								
	MD	TVD	ANGLE	Direction	Coord	dinates	 S	DL	CLOSURE
	W. P. A								
ı						 	 		
							 1	L	

	ONS SU	WMAKY									
TIN				Boats:	Supply Boat N				Status:		
FROM	TO	HOUR	Code	1	Crew Boat N				Status:		
0600	0630	0.5	20		' 2.5 deg. Service ri				Time Su	mmary	
0630	0930	3.0	5	Drill 2557' to 27	00'. Added soap @	2665'			Activity	Daily	Cum.
0930	1000	0.5	3	Circulate to clea	n hole				1. Mob/DeMob		8
1000	1230	2.5	21	тоон					2. Cement		2.5
1230	1430	2.0	12	LD BHA - air ha	mmer- PU motor and	d IBSs.			3. Circulate	13	17
1430	1530	1.0	21	TIH with BHA					4. Directional Work		
1530	0300	11.5	3	Mix and condition	on mud				5. Drilling	3	44
0300	0400	1.0	3	Load hole. Circ	ulating system				6. Drive Pipe		
0400	0600	2.0	21	TIH to 2324' Hi	t bridge. Circulating	and Conditioning m	nud		7. Fishing		
							·		8. OH Logging		
									9. Lost Circ.		
									10. Drill Cmt./LOT		2
									11. N.U./ N.D.		9
									12. P.U./L.D. BHA	2	3.5
									13. P.U./L.D. Pipe		
				-					14. R/U; R/D		30
				Mancos Shale	Surface	Dakota Silt 2466	j'		15. Rig Repair		
				Dakota Sandsto	ne 2500'				16. Run Casing		2
									17. Service Rig		
				V 1					18. Sidetrack Op.		
				BKG = 4-11 u		•	-		19. Stuck Pipe		
				Conn = 0 u					20. Survey	0.5	2.5
				Trip = 1702 u					21. Trips	5.5	9
				Max Form. Gas	= 0 u				22. Tst. BOPs		5
				No new shows					23. UR/HO		
	-								24. W.O.W.		
									25. Wash & Ream		
									26. Well Control		
			·			*	· · · · · · · · · · · · · · · · · · ·		27. WOC		6
			 						28. Other		34.5
									Total	24	175
Total	Hours	24.0									
Rig Do	wntime		Fuel U		Bulk Material on Boar	d		Previous			
Daily		Daily		88 Gals	Cement:	sx		Daily Cos			
Cum.		Cum.	39	928 Gals	Barite:	SX	J	Cum. Cos	it \$317	,351	

RECEIVED

MSC Exploration PPI Technology Services Block, Lease and Well No. E. Crested Junction - Federal MSC #26-1 **Daily Drilling Report** Contract Rig Union #7 Date on Location 11/3/2004 DOL 12 Spud Date Nov 10, 2004 Company Representative AFE No. AFE Amount Auth. TD. TVD MD Footage 3,141 | 3,141 8,700' Carl Hulslander Present Operation Rig Phone: 435-220-0999 Toolpusher Chris Chapman 435-220-0999 Drilling Rig Fax: RIG ELEVATIONS Last BOP Test Date BLM Visit NPDES People on Loc.

Operator

Contractor

Jts. Run

Wind:

Conductor

Surface

CASING RECORD

16"

11/11/2004

MD

Water Depth

RKB-CHF

Run

Next BOP Test Date

Setting Depth MD TVD

534'

534'

ırface			9 5/8"	32.3	H40	SIC		12	534	534	-		All			
												· · · · · · -		<u> </u>		
WEI	LUT COE	ED AND HY	/DRAUI	ICS REC	ORD									<u> </u>	1	
HT I	3H1, 3FE	Bit Type			OND				Total		[Avg		Grade	
No	Size	Manufac	turer		Number		ets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
3	8 3/4	STC MR	7319	ER6	515v	16,	16,16	2,700'	441'	12 1/2	30	123	35.3	ļ		
27.5							Cum F	OT. Hrs	PII	Wt	SO	Wt	RO	T Wt	Tor	que
BIT Ker	narks:						Culti. I	(01.1113		***						
mp													CDM		Pump Pres	
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	٦V	Pb	DC	V DP	Speed 1/4	SPM	Pump#1	Pump #2	Pump
			gps	400	207		000	212		210	148	1/2				
1 2		x 6 x 6	3.15 3.15	123	387	<u> </u>	000	212		210	,40	3/4		<u> </u>		
Ā			0.10													
ngth:	609.63	Descrip	tion:					0.83'), IBS	(4.27'). DO	C (30.82'),	IBS (3.64')	, 10 DCs(301.85)			
		,,		jars (30	41'), 6 -	6" DCs (179.87')									
D DA	FA															
U UA	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	pН	Pm	Pf/M
-	8.5	36	9	5.0	3/6	9.8	717711	1	1.5			tr	18	10	0.5	.3/.6
	0.0							1						1		
	<u> </u>	- da -	_		Smpl	F.L. Temp	Shaker	Screens	. س	ours M	lud Engine	eer eer		,	/lud Compa	nv
		orides 500		1++ 50	1 9/11p			#2	Desand		Ligirle			<u> </u>	compa	
		KCL			 	+	145	145		18	1					
				• • • • • • • • • • • • • • • • • • • •			#3	#4	Desilt	Mud CI		/ Cost	<u> </u>	C	umulative C	ost
. F	ONAL SI	DVEVA					145	255		18	\$3,520	<u> </u>		1	\$3,520	
	ONAL SU	TVI	<u> </u>	AN	ĞLE	Dir	ection	Coor	dinates	\ \	/S	DL	L	CLO	SURE	
								Ī								
										<u>. </u>		<u> </u>	i			
	IONS SUI	MMARY	+				Comple F	and Name					Status:			
ROM	ME TO	HOUR	Code	Boats:				loat Name: loat Name				-	Status:			
0600	0930	3.5	3	Circ &	mix mud	Build								Time S	ummary	
930	1000	0.5	25					Run 2 std	S.	***	****		Ac	tivity	Daily	Cum
1000	1630	6.5	25	Wash 8	k ream 2	2379' to	2553' L	D 3 jts. R	un 1.5 sto	ls			1. Mob/De	eMob		8
				W&R 2	553' to 2	2700'							2. Cemen	t		2.5
1630	0200	9.5	5	Drill 8	3/4" to 3	049'							3. Circula	te	3.5	20.5
0200	0230	0.5	20	Survey	@ 2979) miss i	un. Ser	vice Rig					Direction			
0230	0430	2.0	5	Drill to	3049' to	3080'							Drilling		12.5	56.5
0430	0500	0.5	20	Survey	@ 3010) miss	run						6. Drive F			ļ
0500	0600	1.0	5	Drill 30	80' to 3'	141'							7. Fishing			
		<u> </u>											8. OH Log			
													9. Lost Ci			ļ
				ļ					· ····				10. Drill C		ļ	2
	ļ	<u> </u>	ļ	L									11. N.U./			9
	ļ		L	<u> </u>									12. P.U./l		 	3,5
		ļ	<u> </u>	1					<u> </u>				13. P.U./L		 	
	ļ	ļ											14. R/U; I		 	30
	 	-		-				-					15. Rig R		 	1 -
	<u> </u>		ļ	 				-					16. Run (2
	ļ		 	 									17. Servi		+	
	 	-		 									18. Sideti 19. Stuck		 	+
	 		 		·	*	<u>-</u>		4				20. Surve		1 1	3.5
	 	 	1	1-									20. Surve	у	+	9
	-	ļ	 	1							-		21. Trips 22. Tst. E	IOPs	+	5
	 	<u> </u>	!	1									22. TSt. E		 	+ -
	 	<u> </u>	 	 			-						24. W.O.		+	+
	1	 	1	1-						 · · · · .				& Ream	7	7
	-1	 	 	 									26. Well		†	<u> </u>
		.	 	1									27. WOC		+	6
			•	1				A-4					28. Other		†	34.
•													Total		24	199
Total	Hours	24.0														
Rig D	Hours			Jsage			laterial or	Board		· · · · · · · · · · · · · · · · · · ·		Previous	s Cost		17,351	
		24.0 Daily Cum.	- (Jsage 672 600	Gals Gals	Bulk M Cemer	nt:	Board		sx sx		Previous Daily Co	s Cost	\$2		

MAY 2 5 2005

Report Date

LOT

EMW | Leakoff?

MSC Exploration PPI Technology **Daily Drilling Report** Services Block, Lease and Well No. Spud Date Report Date Union #7. 5 at Nov 16, 2004 E. Crested Junction - Federal MSC #26-1 13 11/3/2004 Nov 10, 2004 Auth, TD Company Representative TVD Footage AFE No. AFE Amount 3,515 3,515 8,700 Carl Hulslander \$958,000 374 435-220-0999 Present Operation Rig Phone: Toolpusher 435-220-0999 Chris Chapman Rig Fax: Working Stuck Pipe Last BOP Test Date RIG ELEVATIONS Current Weather NPDES ☐ Yes ✓ No Problem? ☐ Yes RKB 11/11/2004 LC50 Sample Date Operator Next BOP Test Date Water Depth ft Contractor RKB-CHF ☐ No Pass? Service CASING RECORD Casing String EMW TVD Run MD TVD MD 9 5/8" STC Air 32.3 H40 Surface BIT, WEIGHT, SPEED AND HYDRAULICS RECORD Avg ROP Grade Bit Type and Gage Tooth Bearing Hrs WOB No Manufacturer Depth In 29.6 27 1/2 8 3/4 STC MR7319 ER6515v 16,16,16 2,700' 815' **ROT W**t Bit Remarks: Slow Pump Pressures Pump #1 | Pump #2 | Pump #3 GPM JV Рb Stroke X Liner Output SPM ΑV DP DC gps 1/2 145 206 1200 207 3.15 120 378 9 x 6 BHA bit (1), motor (27.94'), 1 - 6" DCs (30.83'), IBS (4.27'). DC (30.82'), IBS (3.64'), 10 DCs(301.85) 609.63 Description: Length: jars (30.41'), 6 - 6" DCs (179.87') MUD DATA Pf/Mf YP GELS WL HTHP CAKE SLDS % LGS % OIL % SD % WT VIS PV 9.2 .3/.6 3/7 6.0

Smpl Temp F.L. Temp Mud Company 2.5% KCL 145 145 #3 \$9,525 \$6,005

MD	TVD	ANGLE	Direction	Coordinates	VS	DL	CLOSURE
3445	3445	4.00 °					
					<u> </u>		

	IONS SU	MARY		12 .	O D N			Status:		
	ME		Time	Boats:	Supply Boat Name: Crew Boat Name:	*		Status:		
FROM 0600	TO 1330	HOUR	Code	D 11 04 441 4 000			I	Time Su	mman/	
1330	1430	7.5 1.0	5 20	Drill 3141' to 332 Survey @ 3445'			-	Activity	Daily	Cum.
								. Mob/DeMob	Daily	8
1430	2200	7.5	5	Drill 3327' to 35				2. Cement		2.5
2200	2230	0.5	3	Circulate bottom				3. Circulate	0.5	2.3
2230	2300	0.5	20	Survey @ 3445') (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C.) (C		I. Directional Work	0.5	41
2300	0600	7.0	19		. Unable to circulate, hole is pac	cked off. Waiting on the			15	71.5
				point equipment	and fishing tools.			5. Drilling 6. Drive Pipe	10	71.5
		•						7. Fishing		
	ļ	<u> </u>	!		<u> </u>					
								3. OH Logging		
		ļ	<u> </u>			· ·		D. Lost Circ.		
								10. Drill Cmt./LOT		2
		ļ	ļ					11. N.U./ N.D.		9
								12. P.U./L.D. BHA		3.5
			<u></u>			,		13. P.U./L.D. Pipe		
								14. R/U; R/D		30
			<u> </u>					I5. Rig Repair		
								16. Run Casing		2
			Ĭ					17. Service Rig		
								18. Sidetrack Op.		
					<u> </u>			19. Stuck Pipe	7	7
				714				20. Survey	1.5	5
								21. Trips		9
								22. Tst. BOPs		5
								23. UR/HO		
	<u> </u>							24. W.O.W.		
								25. Wash & Ream		7
	1	 	1		24			26. Well Control		
	†	 					T I	27. WOC		6
l	 		1	 				28. Other		34.5
	 		1	 				Total	24	223
Total	Hours	24.0	 	<u> </u>						
Rig Do	owntime		Fuel	Jsage	Bulk Material on Board		Previous (),613	
Daily		Daily	3	395 Gais	Cement:		Daily Cost		,915	
Cum.	L	Cum.	5	495 Gals	Barite:	SX	Cum. Cos	1 \$360	5,528	

and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s

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MSC Exploration PPI Technology **Daily Drilling Report** <u>Services</u> Date on Location 11/3/2004 Report Date Block, Lease and Well No. Spud Date Nov 17, 2004 E. Crested Junction - Federal MSC #26-1 Union #7 Nov 10, 2004 AFE Argount AFE No. Company Representative MD Auth. JD. TVD Footage 3,515 | 3,515 \$958,000 8,700 Carl Hulslander Rig Phone: 435-220-0999 Present Operation Toolpusher Chris Chapman Rig Fax: 435-220-0999 TIH inspecting BHA Last BOP Test Date RIG ELEVATIONS NPDES Yes ✓ No Problem? Yes 11/11/2004 RKB Wind: LC50 Sample Date Operator Next BOP Test Date Water Depth Seas: Contractor 12//11/04 RKB-CHF Sky: No Pass? CASING RECORD Liner Top 1D | TVD LOT EMW Leakoff? TVD MD MD Run Air 534

534'

32.3

9 5/8"

Surface

STC

H40

BIT	T T	Bit Tv	pe and						Total				Avg		Grade	
No	Size		acturer	Serial I	Number	J	lets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
3	8 3/4	STC M	IR7319	ER6	515v	16,	16,16	2,700'	815'	27 1/2			29.6			
											•			<u> </u>		
Bit Re	marks:						Cum. I	ROT. Hrs	PU	Wt	SC	Wt	RO	T Wt	Tor	rque
							7	1.5								
Pump		*	T					T							Pump Pres	
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	J۷	Pb	A'	V	Speed	SPM	Pump #1	Pump #2	Pump #3
			gps			1				DC	DP	1/4		1		
1	9	x 6	3.15									1/2				
2	9	x 6	3.15	diameter	1.0		2.54					3/4				
ВНА																
Length:	601.72	Desci	iption:	bit (1), n	notor (27.	94'), 12	- 6" DCs(335.88), ja	rs (30.41'),	6 - 6" DCs	(179.87)				
			-													

ИВТ рН	Pm	Pf/Mf
11 10	0.5	.3/.6
1		

			<u> </u>					<u> </u>	<u> </u>	
	Smpl F.L. Chlorides Ca++ Temp Temp Shaker Screens Hours Mud Engineer 10000 60 80 #1 #2 Desand Cent.								Mud Company	
PIT				#1	#2	Desand	Cent.			
	2% KCL		ii							
				#3	#4	Desilt	Mud Cl	Daily Cost		Cumulative Cost
								\$3,281		\$12,806

DIRECTIONAL SURVEYS CLOSURE

OPERAT		MAKT	T:	In-at-	Supply Boat Name:			Status:		
FROM	ME TO	HOUR	Time Code	Boats:	Crew Boat Name:			Status:		
0600	0800	2.0		Working stuck pi			T	Time Su	mmary	-
0800	1000	2.0	19	Set back kelly- P				Activity	Daily	Cum.
1000	1030	0.5	19		off 3 DCs above mud moto	or		1. Mob/DeMob		8
1030	1100	0.5	19		Aborted back off. When			2. Cement		2.5
		0.5	- 13	pipe rotated sligh		toothing buok on torque		3. Circulate		21
1100	1500	4.0	19			stroke pump. Partial returns		4. Directional Work		
1500	2300	8.0	19		free, Circulate hole, Full r			5. Drilling		71.5
	<u> </u>	0.0			ndition mud. Raised vis to			6. Drive Pipe		
2300	0300	4.0	21			3230'. Installed wear bush		7. Fishing		
0300	0600	3.0	21	TIH inspecting B				8. OH Logging		
		- 0.0		I I I I I I I I I I I I I I I I I I I				9. Lost Circ.		
			1					10. Drill Cmt./LOT		2
								11, N.U./ N.D.		9
		l				.,		12. P.U./L.D. BHA		3.5
		 	· · · · · ·	1				13. P.U./L.D. Pipe		
							14. R/U; R/D		30	
				Mancos Shale	Surface Dak	cota Silt 2466'		15. Rig Repair		
			1	Dakota Sandsto	ne 2500' Ced	ar Mountain 2656'		16. Run Casing		2
			1.	Bushy Basin 27		Wash 3067'		17. Service Rig		
				Moab Tongue 3		A separate in		18. Sidetrack Op.		
								19. Stuck Pipe	17	24
				BKG = 0 u				20. Survey		5
				Conn = 0 u				21. Trips	7	16
				Trip = 0 u				22. Tst. BOPs		5
				Max Form. Gas	= 0 u			23. UR/HO		
								24. W.O.W.		
								25. Wash & Ream		7
								26. Well Control		
				Centrifuge ran 2	days, removed no solids.	Determined machine set for)r	27. WOC		6
				oil base mud. M	lade adjustments. Machin	e working great.		28. Other		34.5
								Total	24	247
	Hours	24.0								
	wntime								5,528	
Daily Cum.	-	Daily Cum.			Cement: Barite:	SX SX	Daily Cos Cum. Cos		,115 5,643	
cum.	<u> </u>	cum.	_ b	771 Gais	Dante.	24	Guin. Cos	,, 439,	3,040	

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)	Tech	nology		4						ation Repo						
11	Servi	CES k, Lease an	d Well N	0.			Contract R		DOL	DFS	Date on I		Spud		Repor	
		Junction - Fe Foota		SC #26-1 AFE			Union #7		15 Auth. TD.	8	11/3/2 Compan	2004 ny Repres	Nov 10, entative	2004	Nov 18	, 2004
MD 3,781	<u>TVD</u> 3,781	266	äa. I	ACE	140.		\$958,000		Audi. 10.	8,700'	Compan		arl Hulslande	er		
			Operation	on			Rig Phone Rig Fax:	9 :		35-220-099 35-220 - 099		Toolpush C	<u>er</u> Jonrad Tenne	v		
		- U	rilling				riy rax.			00 220 000				·		
Current V	Veather	BLM V			NPDES	3-4-	People			Last BOP	Test Date 1/11/2004		RKB	RIG ELEV		ft
Wind: Seas:		Yes Problem?	✓ No Yes	LCSU	Sample	Date	Ope Contr			Next BOP			Water Depth	1		ft
Sky:			☐ No	Pass?	Yes	□No	Ser	vice			12//11/04		RKB-CHF			ft
ASING R	asing Str	ng	OD	Wt.	Grade	Conn.	Jts.	Run	-	Depth	Liner		MW when		LOT	l - streff2
onductor			16"		LP	1,481 334		1	MD 37	TVD 37'	MD_	TVD	Run Air	Pres	EMW	Leakoff?
urface			9 5/8"	32.3	H40	STC		2	534'	534'			Air			
<u>-</u>																
	SHT, SPE	ED AND H		ICS REC	ORD				Total	1			Avg		Grade	
BIT No	Size	Manufac		Serial 1	Number	J	ets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
3	8 3/4 8 3/4	STC MR73 Reed TD4			515v 486		16,16 16,16	2,700' 3,515'	- 815' 266'	27 1/2 9 1/2	30/40	120	29.6 28.0	3	3	<u> </u>
Bit Ren		11000 10					Cum. R	OT. Hrs	PL	Wt	so	Wt	ROT	Wt	Tor	que
ump	· ·						6	30		Ti .	L		-		Pump Pres	
No.	Stroke	X Liner	Output	SPM	GPM ·	Pre	ssure	٦V	Pb	DC	V DP	Speed 1/4	SPM	Pump #1	Pump #2	Pump #3
7	9	x 6	gps 3.15	120	378	1	250	207		145	206	1/2	45	350		
2	9	x 6	3.15									3/4	<u> </u>	Ĺi		
HA ength:	601.72	Descrip	otion:	bit (1), m	notor (27.	94'), 12	- 6" DCs(3	335.88), ja	rs (30.41')	, 6 - 6" DCs	s (179.87'))				
IUD DAT	ΓΑ			52												, , , , , ,
	WT.	VIS	PV	ΥP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	pH 40	Pm 0.4	.2/.6
TIC	8.9	43	11	10.0	4/7	7.5		1	5.5			tr	11	10	0,4	.21.0
			·	!	l Coopl	F.L.			1					T		
	Chi	orides	C	9++	Smpl Temp	Temp	Shaker	Screens	; H	ours M	lud Engine	er		. M	ud Compa	ny
`IT		0000	- (50	88	88	#1 145	#2 145	Desand	Cent.	C	harlie Sne	ed		M-I	1
	27	KCL_	<u></u>		·	<u> </u>	#3	#4	Desilt	Mud Cl	Daily	Cost		Cu	mulative C	ost
IDECTIO	ONAL SU	RVEYS					145	255		24	\$2,356		J		\$15,162	
М		f∨	Ď	AN	GLE	, Dir	ection	Coor	dinates	V	/S	DL	<u> </u>	CLOS	URE	***
				-		-		 	 							
	IONS SU	MMARY	1	Boats:			Cumbba D	oat Name				-	Status:			
TIN FROM	TO	HOUR	Time Code	Boats:				oat Name					Status:			
0600	0800	2.0	21		pected I						-		٠,,	Time St	mmary Daily	Cum.
0800 0830	0830	0.5	21	TIH	circulatio	n. 2942	<u>. </u>				····		1. Mob/De	ivity Mob	Daily	8
0900	1000	1.0	25		eam 75'	to bott	om					-	2. Cement			2.5
1000	1300	3.0	5					Motor no	t operatin	9			3. Circulat		1.5	22.5
1300 1400	1400 1630	1.0	3	1	and pum		<u> </u>						4. Directio 5. Drilling	nal Work	12.5	84
1630	1700	2.5 0.5	21 12				D motor.	. PU new	motor				6. Drive P	ipe		
1700	1730	0.5	17	Service									7. Fishing			
1730 2030	2030	3.0	21	TiH no		7041	· · · · · · · · · · · · · · · · · · ·	•					8. OH Log 9. Lost Cir			
2030	0000	9.5	5	Drin 35	14' to 37	81							10. Drill C			2
		ļ					· · · · · · · · · · · · · · · · · · ·						11. N.U./1			9
		 	 	1						-			12. P.U./L 13. P.U./L		0.5	4
			 	 									14. R/U; F			30
					s Shale			-	akota Sil				15. Rig Re			
	ļ	<u> </u>	 		Sandst		00'			ntain 265	56'		16. Run C 17. Servic		0.5	0.5
	-	 	 		Ishy Basin 2778' Salt Wash 3067' Dab Tongue 3420' Entrada (earthy mem) 3464'							•	18. Sidetr		0.5	0.5
					a Slick F		573'			,			19. Stuck	Pipe	ļ	24
					46			-					20. Surve	У		5
	 	 	 	BKG =	: 10 - 28 = 0 и	u							21. Trips 22. Tst. B	OPs	8	5
	<u> </u>			Trip =									23. UR/H			
					orm. Gas	s = 0 u							24. W.O.V			-
	<u> </u>	-	 	1 new 5- 349		(30')	bright go	ld flash	right vello	w floures	ence		25. Wash 26. Well 0		1	8
				J- 349	3490' -3520' (30') bright gold flash, bright yellow flouresence							27. WOC			6	
													28. Other		24	34.5
Total	Hours	24.0	 	Ŀ									Total		24	271
Rig Do	wntime			Jsage	<u> </u>		taterial on	Board				Previou			5,643 7,037	
Daily Cum.	<u> </u>	Daily Cum.		603 344	Gals Gals	Ceme Barite				sx sx		Daily Co Cum. C			2,680	
		·														

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MSC Exploration

Daily Drilling Report

	Servi	ces		Daily Dill	<u>9</u>	vc p	J1 L		
	Bloc	k, Lease and Well N	<u>o.</u>	Contract Rig	DOL	<u>DFS</u>	Date on Location	Soud Date	Report Date
Ε	. Crested	Junction - Federal M	SC #26-1	Union #7	16	9	11/3/2004	Nov 10, 2004	Nov 19, 2004
MD	TVD	Footage	AFE No.	AFE Amount	Auth TD		Company Repre	sentative	
4,595	4,586	814		\$958,000		8,700'	1	Carl Hulslander	
		Present Operation	9 <u>n</u>	Rig Phone:	4	35-220-099	99 <u>Toolpus</u>	<u>her</u>	
Drilling				Rig Fax:	4	35-220-099	99	Conrad Tenney	

	Present Operation Drilling						Rig Phon	e:		35-220-099		Toolpush				
			rilling	·			Rig Fax:		4:	35-220-099	99		Conrad Tenne	у		
Current	Weather	BLM \	√isit	-	NPDES		People	on Loc.:		Last BOP	Test Date		T	RIG ELEV	/ATIONS	
Wind:		Yes	√ No	LC50	Sample	Date		erator			11/11/2004		RKB		15	ft
Seas:		Problem?	Yes				Cont	tractor		Next BOP	Test Date		Water Depth	1		ft
Sky:				Pass?	Yes	No		rvice	· · · · · · ·		12//11/04	<u></u>	RKB-CHF			ft
	RECORD												•			
	Casing Str		OD	Wt.	Grade	Conn.	Jts.	Run	Setting MD	Depth TVD	Liner MD	Top TVD	MW when Run	Pres	LOT EMW	Leako
Conducto	οr		16"		ĹΡ			1	37'	37'			Air			
Surface	"		9 5/8"	32.3	H40	STC	· ·	12	534'	534'			Air			
						,										
																<u> </u>
				.,												<u> </u>
												L				<u> </u>
	IGHT, SPI	ED AND H		ICS RE	ORD				Total		1		Δ		- Canada	
BIT	0:	Bit Typ Manufa		Carial	Nisaabaaa	and the second				Hrs	WOB	Rpm	Avg ROP	Tooth	Grade Bearing	Gage
No 4	Size 8 3/4	Reed TD			Number 3486		16,16	3,515'	Footage 1 085	32	25/40	120	33.9	10001	Dearing	- Cago
	8 3/4	Reed ID	44-447	KI	2400	10,	10,10	3,313	1,000	32	23/40	120	33.5			
Bit Re	emarks:	L					Cum. F	ROT. Hrs	PU	Wt	so	Wt	ROT	Wt	rque	
24110	zimarno:							03		10	9		10			
Pump					1						•			Slow	Pump Pres	ssures
No.	Strok	X Liner	Output	SPM	GPM	Pre	ssure	JV	Pb		۱V	Speed	SPM	Pump #1	Pump #2	Pump
	<u> </u>		gps			<u> </u>				DC	DP	1/4				
1	9	x 6	3.15	120	378	1	350	205		204	144	1/2	58	350	<u> </u>	
2	9	x 6	3.15					<u> </u>			<u> </u>	3/4	<u> </u>		<u></u>	<u> </u>
ЗНА																
Length:	601.72	Descri	ption:	bit (1'), ı	notor (27	.94'), 12	- 6" DCs((335.88'), ja	ars (30.41'), 6 - 6" DC	Cs (179.87	')				
MUD DA	TA				,	,	,	,								
	WT.	VIS	PV	ΥP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	pН	Pm	Pf/M
PIT	8.7	45	14	16.0	5/9	6.4		11	2.75			tr	13	10	0.4	.2/.6
								<u> </u>						L		<u> </u>
	1				Smpl	F.L.				_				١.		
		orides		++	Temp	Temp		Shaker Screens Hour			/lud Engine	er		^	Aud Compa	ny
PIT	10500 60 90 90			#2	Desand		4 _				M-I					
	2 % KCL				L	145	145	0 - 1	24		harlie Sne	ed		M-I umulative C	`oet	
							#3 145	#4 255	Desilt	Mud Cl		Cost 437	 		\$20,599	iost
DIDECT	IONAL SI	ibveve					145	255			1 35,	70/			920,000	
	MD	TV	D	AN	GLE	Dir	ection	Coor	dinates	1 \	/S	DL	Т	CLOS	SURE	
	953	399			00°	T			1	Ť	1		T			<u></u>
3930 3930 2.00°			+	 	 	 		 		-						

	MD	100	ANGLE	Direction	Coordinates	Į VS	DL.	CLUSURE
	2052	2052				1		
	3953	3953	2.00 °		l	1	l	
	4450	4450	2.00 °					
- 1								

	IONS SUI	WINDLY I	Time	Boats:	Supply Boat N	Jame:			Status:		
FROM	TO	HOUR	Code	Dodis.	Crew Boat N				Status:		
0600	1200	6.0	5	Drill 3781' to 40	26'				Time Su	mmary	
1200	1230	0.5		Survey 3953'[-		.			Activity	Daily	Cum.
1230	1300	0.5	17	Service rig. Fur	nction Pipe rams				1. Mob/DeMob		8
1300	0300	14.0	5	Drill 4026' to 45	20'				2. Cement		2.5
0300	0330	0.5	20	Survey 4450' - 2	2 deg				3. Circulate		22.5
0330	0600	2.5	5	Drill 4520' to 45	85'				4. Directional Work		
									5. Drilling	22.5	106.5
									6. Drive Pipe		
									7. Fishing		
	·								8. OH Logging		
									9. Lost Circ.		
				Mancos Shale	Surface	Dakota Silt 2466'			10. Drill Cmt./LOT		2
				Dakota Sandsto	one 2500'	Cedar Mountain 2656	6'		11. N.U./ N.D.		9
				Bushy Basin 2	778'	Salt Wash 3067'			12. P.U./L.D. BHA		4
				Moab Tongue	3420'	Entrada (Earthy Mem	'	13. P.U./L.D. Pipe			
				Entrada Slick R	ock 3573'	Carmel 3972'		14. R/U; R/D		30	
				Navajo 4120'					15. Rig Repair		
						- "Y			16. Run Casing		2
			T	BKG = 10 - 80 t	J				17. Service Rig	0.5	1
				Conn ≠ 0 u					18. Sidetrack Op.		<u> </u>
				Trip = 0 u					19. Stuck Pipe		24
				Max Form. Gas	= 0 u				20. Survey	11	6
				2 new shows					21. Trips		24
				6- 3586' to 3690	0' (104') Brown oil co	ooked out, yellow floresen	nce		22. Tst. BOPs		5
				7- 4000' - 4160	(160') Brown oil coo	ked out, yellow florescen	ce		23. UR/HO		
				2 new shows al	l but top 30' of Carm	el has oil cooked out & ye	ellow flor.		24. W.O.W.		<u> </u>
									25. Wash & Ream		8
									26. Well Control		
		. *							27. WOC		6
	ļ								28. Other	<u></u>	34.5
				1					Total	24	295
	Hours	24.0	Ľ								
	wntime	0.7	Fuel L		Bulk Material on Boar			Previous (2,680 .714	
Daily Cum.	1	Daily Cum.		'56 Gals 100 Gals	Cement: Barite:	SX SX		Daily Cos Cum. Cos		,/14 9.394	
oun.	<u> </u>	Cuin.		TOU Gais	Dante.	24		Cuit. Cos	. 9773	,,,,,,,	

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MSC Exploration
Daily Drilling Report

	Serv	ices		Dany Dim	9 .	<u>, 70 b.</u>	~		
	Bloo	ck, Lease and Well N	<u>o.</u>	Contract Rig	DOL	<u>DFS</u>	Date on Location	on Spud Date	Report Date
ı	E. Crested	Junction - Federal M	ISC #26-1	Unitari #7	17.	10	11/3/2004	Nov 10, 2004	Nov 20, 2004
MD	TVD	Footage	AFE No.	AFE Amount	Auth. TD.		Company Rep	resentative	
4,979	4,979	384		\$958,000		8,700'	1	Carl Hulslander	
		Present Operati	<u>on</u>	Rig Phone:	43	5-220-09	99 <u>Toolp</u>	usher	
L		Drilling		Rig Fax:	43	5-220-09	99	Conrad Tenney	

Current Weather	BLM Visit	NPDES	People on Loc.:	15	Last BOP Test Date	RIG ELEV	ATIONS
Wind:	Yes V No	LC50 Sample Date	Operator	1	11/11/2004	RKB	15 ft
Seas:	Problem? Yes		Contractor		Next BOP Test Date	Water Depth	ft
Sky:	☐ No	Pass? Yes No	Service	3	12//11/04	RKB-CHF	ft

Wind:	Yes V No LC50 Sample Date	Operator]	11/11/2004	KKB	15 π
Seas:	Problem? Yes	Contractor	11	Next BOP Test Date	Water Depth	ft
Sky:	□ No Pass? □ Yes □ No	Service	3	12//11/04	RKB-CHF	ft
CASING RECORD						

Casing String	OD	Wt.	Grade	Conn.	Jts. Run	Setting	Depth	Line	Тор	MW when		LOT	
<u> </u>	1.			1		MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?
Conductor	16"		LP		. 1	37'	37'			Air			
Surface	9 5/8"	32.3	H40	STC	12	534'	534'			Air			
				**									
													<u></u>
									i				

BIT, WEIGHT, SPEED AND HYDRAULICS RECORD

BIT		Bit Typ	e and		-				Total				Avg	I	Grade	
No	Size	Manufa	cturer	Serial !	Number		ets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
4	8 3/4	Reed TD	44- 447	K18	486	16,	16,16	3,515'	1,270'	40	25/40	120	31.8	8	8	1/16
5	8 3/4	Reed F2	HV PS	MR	MR9385		16,16	4,785'	194'	7	25/30	120	27.7			
Bit Re	Bit Remarks:					- 1	Cum. F	OT. Hrs	PU	Wt	SO	Wt	RO1	ΓWt	Tor	que
	<u>ON TOTAL</u>						1	18	11	8	10	06	1	12		
Pump											Slow	Pump Pres	sures			
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	J۷	Pb	A	V	Speed	SPM	Pump #1	Pump #2	Pump #3
Į.			gps	1						DC	DP	1/4				
1	7	x 6	3.15	120	378	. 1	350	205		204	144	1/2	60	420		
2	9	x 6	3.15									3/4				

Length:	601.72	Description:	bit (1'), motor (27.94	4'), 12 - 6" DCs(335.88	8'), jars (30.41'), 6 -	6" DCs (179.87')		

MUD DA	TA		, .							 					
Γ	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	OIL %	SD %	MBT	рΗ	Pm	Pf/Mf
PIT	8.7	41	13	15.0	4/8	6.5		2	2.75		tr	13	9.8	0.4	.2/.6
					Control										

	lorides Ca++	Smpl Temp	Temp	Shaker	Screens	Но	urs M	lud Engineer	Mud Company
PIT 1	0500 60	90	90,	#1	#2	Desand	Cent.		
2 9	% KCL			145	145		24	Charlie Sneed	M-I
				#3	#4	Desilt	Mud CI	Daily Cost	Cumulative Cost
				145	255		24	\$2,480	\$23,079

MD	TVD	ANGLE	Direction	Coordinates	VS	DL	CLOSURE
OPERATIONS SU	MMARY						

	ME		Time '	Boats:	Supply Box	at Name		Status:		
FROM	TO	HOUR	Code	Duais.	Crew Box			Status:		
0600	0800	2.0		Drill 4595' to 464					Summary	
0800	0830	0.5		Service rig	<u> </u>			Activity	Daily	Cum.
0830	1430	6.0	1	Drill 4640' - 4785	,			1. Mob/DeMob	i i	8
1430	1530	1.0		Mix and pump pil				2. Cement		2.5
1530	2000	4.5	21	TOOH for bit.	····	···		3. Circulate	1.5	24
2000	2100	1.0	21	TIH with bit # 5		······································		4. Directional Work		
2100	2130	0.5	3	Load hole circula	ite bottoms up at	2926'		5. Drilling	15	121.5
2130	2300	1.5	21	TIH with bit #5 N			******	6. Drive Pipe	+	
2300	0600	7.0	5	Drill 4785' to 497	 			7. Fishing	†	
	ļ .		<u> </u>	1				8. OH Logging	 	<u> </u>
		†		 				9. Lost Circ.		
	 		 	 				10. Drill Cmt./LOT	 	2
								11. N.U./ N.D.	-	9
			—	 	·			12. P.U./L.D. BHA		4
	 	 	 	 				13. P.U./L.D. Pipe	- 	
		 		 			-	14. R/U; R/D	+	30
	 	 	 	Mancos Shale S	Surface	Dakota Silt 2466'		15. Rig Repair	+	
	l	 	†	Dakota Sandston		Cedar Mountain 26	56'	16. Run Casing	<u> </u>	2
	 	 	†	Bushy Basin 27		Salt Wash 3067'		17. Service Rig	0.5	1.5
!		 	1	Moab Tongue 34		Entrada (Earthy Me	mber) 3464		+	<u> </u>
	 	† · · · · · ·	 	Entrada Slick Ro		Carmel 3972'	11100.,	19. Stuck Pipe	1	24
		 		Navajo 4120'	OK 50. 5	Kayenta 4592		20. Survey	+	6
	 		 	Ivavajo 4120		. Nayenta 4002		21. Trips	7	31
		 	 	BKG = 10 -29 u				22. Tst. BOPs	+ :	5
	 	 	-	Conn = 0 u				23. UR/HO	+	
	 	 	 	Trip = 160 u				24, W.O.W.	+	
	 	 	 	Max Form, Gas =		· · · · · · · · · · · · · · · · · · ·		25. Wash & Ream	+	8
		 	 	2 new shows	- 0 u			26. Well Control	+	
	 	 	 		(60") Brown oil o	rust, pale yellow floureser	200	27. WOC	+	6
	 	 	 		· /	rust, pale yellow floureser		28. Other	+	34.5
	 	 	 	3 - 4020- 4000 (330) BIOWII OII C	rust, paie yellow liburosol	106	Total	24	319
Total	Hours	24.0	├──	<u></u>				I Otal	47	313
	wntime		Fuel U	Jsage E	Bulk Material on B	oard		Previous Cost \$4	49,394	•
Daily		Daily	8-	340 Gals C	Cement:	sx		Daily Cost \$	30,225	
Cum.		Cum.	81	940 Gals F	Barite:	SY		Cum Cost \$4	79 619	

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MSC Exploration
Daily Drilling Report

Contract Rig DOL DES Date on Location Spud Date Report Date
11/2/2004 Nov. 10, 2004 Nov. 21, 2004

E		k, Lease ar Junction - F			1		Contract Union #		<u>DOL</u> 18	<u>DFS</u> 11	Date on 11/3/		Spud Nov 10		Repo Nov 2	1; 2004
MD	TVD	Foota	ge		No.		AFE Amo	<u>unt</u>	Auth. TD.			ny Repres	entative			.,
5,469	5,469	490 Presen	t Operation	<u>2n</u>		L	\$958,00 Rig Phon		4	8,700' 35-220-09	99	Toolpush	arl Hulslande er	er .		
		D	rilling .				Rig Fax:		4	35-220-099	99	C	onrad Tenne	у		
Current	Weather	BLM \	/isit		NPDES		People	on Loc.:	15	Last BOP	Test Date			RIG ELEV	VATIONS	
Wind: Seas:		Yes Problem?	☐ No	LC50	Sample	Date		erator tractor	1 11		11/11/2004 Test Date		RKB Water Depth		15	ft
Sky:		TTODIETTE		Pass?	Yes	□No		rvice	3	ITOX BOI	12//11/04		RKB-CHF	1		ft
CASING	RECORD Casing Stri	na	OD	Wt.	Grade	Conn.	lts	Run	Setting	Depth	Line	Ton	MW when		LOT	
		9		••••		Oom.	0.6.	· · · ·	MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?
Conducto Surface	r		16" 9 5/8"	32.3	LP H40	STC		12	37' 534'	37' 534'			Air Air			
	GHT, SPE	ED AND H		ICS REC	ORD				·	<u> </u>					L	1
BIT No	Size	Bit Type Manufa		Serial I	Number	J	ets	Depth In	Total Footage	Hrs	WOB	Rpm	Avg ROP	Tooth	Grade Bearing	Gage
5	8 3/4	Reed F2	HV PS		9385		16,16	4,785'	684	30	30/40	95/100	22.8			
Bit Re	marks:					L	Cum. F	ROT. Hrs	PU	Wt	SO	Wt	ROT	Wt	To	rque
Queen							14	4.5	1:	26 I	1	2	11		Pump Pres	CUITAG
Pump No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	٦٧	Pb		V	Speed	SPM		Pump #2	
1	۵	x 6	gps 3.15	110	346	1	300	188	<u> </u>	DC 187	DP 132	1/4	60	420		<u> </u>
2		x 6	3.15	110	370	<u> </u>		100	<u></u>	107	102	3/4	- 55	720		
BHA Length:	601.72	Descrip	otion:	bit (1'), n	notor (27	94'). 12	- 6" DCs(335.88'). ja	ers (30.41'), 6 - 6" DC	s (179.87	'\				
Longa.	001.72				m 83 + ta			-	(00.11	,, 0 0 00		<i>'</i>				
MUD DA	TA															
	WT.	VIS	PV	ΥP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	мвт	рН	Pm	Pf/Mf
PIT	8.8	38	15	19.0	8/10	6.4		2	3.5	4.0			12	8	0.3	.001/.6
							L	<u> </u>	<u> </u>	L	L				<u> </u>	
	Chle	orides	Ca	++	Smpl Temp	F.L. Temp	Shaker	Screens	Но	ours M	lud Engine	er			/lud Compa	nv
PIT		000		00	88		#1	#2	Desand				-			
	2%	KCL					145 #3	145 #4	Desilt	24 Mud CI	Daily	Jon Lyma Cost	n I	Ci	M-I umulative C	ost
i																
							145	255	L	24	\$4,				\$27,576	
	ONAL SU	RVEY\$)	AN	GLE	Dire		255	dinates	24				CLOS		
M					GLE 00 °	Dire	145	255	1	24	\$4,	197				
49	ID	TVI 496				Dire	145	255	1	24	\$4,	197				
49 OPERAT	ID 67 IONS SUI ME	TVI 496 MMARY	7			Dire	145 ection Supply B	255 Coord	dinates	24	\$4,	197	Status: Status:			
49 OPERAT	67 IONS SU	TVI 496	7 Time Code	1.0 Boats:			145 ection Supply B	Coord	dinates	24	\$4,	197	Status: Status:	CLOS		
OPERAT TII FROM 0600 0700	10NS SUI ME TO 0700 0730	HOUR 1.0 0.5	Time Code 5	1.0 Boats: Drill 49 Survey	79' to 50 4967' 1	40' deg	145 ection Supply B Crew B	255 Coord	dinates	24	\$4,	197	Status:	CLOS Time Si	SURE	Cum.
OPERAT TII FROM 0600	10 67 10 NS SUI ME TO 0700	HOUR 1.0 0.5 0.5	7 Time Code 5 20 17	Boats: Drill 49 Survey Service	79' to 50 4967' 1 rig. Fun	40' deg	145 ection Supply B	255 Coord	dinates	24	\$4,	197	Status: Activ	CLOS Time Si	ummary	8
OPERAT TII FROM 0600 0700 0730	D 67 IONS SUI ME TO 0700 0730 0800	HOUR 1.0 0.5	Time Code 5	Boats: Drill 49 Survey Service	79' to 50 4967' 1	40' deg	145 ection Supply B Crew B	255 Coord	dinates	24	\$4,	197	Status:	CLOS Time Si	ummary	<i>-</i>
OPERAT TII FROM 0600 0700 0730	D 67 IONS SUI ME TO 0700 0730 0800	HOUR 1.0 0.5 0.5	7 Time Code 5 20 17	Boats: Drill 49 Survey Service	79' to 50 4967' 1 rig. Fun	40' deg	145 ection Supply B Crew B	255 Coord	dinates	24	\$4,	197	Activs: Activs: 1. Mob/Del 2. Cement 3. Circulate 4. Direction	Time Sovity	ummary Daily	8 2.5 24
OPERAT TII FROM 0600 0700 0730	D 67 IONS SUI ME TO 0700 0730 0800	HOUR 1.0 0.5 0.5	7 Time Code 5 20 17	Boats: Drill 49: Survey Service Drill 504	79' to 50 4967' 1 rig. Fun 40' to 54	40' deg action pi	Supply B Crew B	255 Coord Oat Name:	dinates	24 V	\$4,	197	Activation Activation Activation Activation 1. Mob/Del 2. Cement 3. Circulate 4. Direction 5. Drilling	Time Sivity Mob all Work	ummary	8 2.5
OPERAT TII FROM 0600 0700 0730	D 67 IONS SUI ME TO 0700 0730 0800	HOUR 1.0 0.5 0.5	7 Time Code 5 20 17	Boats: Drill 49: Survey Service Drill 504	79' to 50 4967' 1 rig. Fun	40' deg action pi	Supply B Crew B	255 Coord Oat Name:	dinates	24 V	\$4,	197	Activs: Activs: 1. Mob/Del 2. Cement 3. Circulate 4. Direction	Time Sivity Mob all Work	ummary Daily	8 2.5 24
OPERAT TII FROM 0600 0700 0730	D 67 IONS SUI ME TO 0700 0730 0800	HOUR 1.0 0.5 0.5	7 Time Code 5 20 17	Boats: Drill 49 Survey Service Drill 504 Mancos Dakota Bushy I	79' to 50 4967' 1 rig. Fun 40' to 54 s Shale Sandsto Basin 2	40' deg ction pi 69' Surfacone 250778'	Supply B Crew B	oat Name:	akota Silt dar Mour	2466' tain 265 3067'	\$4, 'S	DL	Activation 1. Mob/Del 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pil 7. Fishing 8. OH Logg	Time Sivity Wob all Work	ummary Daily	8 2.5 24
OPERAT TII FROM 0600 0700 0730	D 67 IONS SUI ME TO 0700 0730 0800	HOUR 1.0 0.5 0.5	7 Time Code 5 20 17	Boats: Drill 49: Survey Service Drill 50- Mancos Dakota Bushy I	79' to 50 4967' 1 rig. Fun 40' to 54 s Shale Sandsto Basin 2	40' deg ction pi 69' Surfacone 250' 778' 3420'	Supply B Crew B pe rams	255 Coord Oat Name: Oat Name: Di Ce Se Er	akota Silt edar Mour alt Wash	2466' tain 265 3067' urthy Mem	\$4, 'S	DL	Activation Activation Activation Activation 1. Mob/Del 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pig 7. Fishing 8. OH Logg 9. Lost Circ	Time Sivity Mob enal Work pe	ummary Daily	8 2.5 24 144.5
OPERAT TII FROM 0600 0700 0730	D 67 IONS SUI ME TO 0700 0730 0800	HOUR 1.0 0.5 0.5	7 Time Code 5 20 17	Boats: Drill 49: Survey Service Drill 50- Mancos Dakota Bushy I	79' to 50 4967' 1 rig. Fun 40' to 54 s Shale Sandsto Basin 2 ongue (a	40' deg ction pi 69' Surfacone 250' 778' 3420'	Supply B Crew B pe rams	Di Ce	akota Silt dar Mour	2466' vtain 265 3067' urthy Mem 2'	\$4, 'S	DL	Activation 1. Mob/Del 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pil 7. Fishing 8. OH Logg	Time Sivity Mob enal Work pee	ummary Daily	8 2.5 24
OPERAT TII FROM 0600 0700 0730	D 67 IONS SUI ME TO 0700 0730 0800	HOUR 1.0 0.5 0.5	7 Time Code 5 20 17	Boats: Drill 49: Survey Service Drill 50- Mancos Dakota Bushy I Moab T Entrada Navajo	79' to 50 4967' 1 rig. Fun 40' to 54 s Shale Sandsto Basin 2 ongue (a	40' deg ction pi 69' Surfacone 250' 778' 3420'	Supply B Crew B pe rams	Di Ce Sa Er	akota Silt edar Moun alt Wash intrada (Ea	2466' vtain 265 3067' urthy Mem 2' 992'	\$4, 'S	DL	Activation Activation Activation Activation 1. Mob/Del 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pig 7. Fishing 8. OH Logg 9. Lost Circulation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activat	Time Sivity Mob enal Work Dee ding c. nt./LOT .D. D. BHA	ummary Daily	8 2.5 24 144.5
OPERAT TII FROM 0600 0700 0730	D 67 IONS SUI ME TO 0700 0730 0800	HOUR 1.0 0.5 0.5	7 Time Code 5 20 17	Boats: Drill 49: Survey Service Drill 50- Mancos Dakota Bushy I Moab T Entrada Navajo Wingate	79' to 50 4967' 1 rig. Fun 40' to 54 s Shale Sandsto Basin 2 ongue 3 a Slick R 4120' e 4806'	40' deg ction pi 69' Surfacone 25(778' 3420' ock 35	Supply B Crew B pe rams	Di Ce Sa Er	akota Silt dar Moun alt Wash : ntrada (Ea armel 397 ayenta 45	2466' vtain 265 3067' urthy Mem 2' 992'	\$4, 'S	DL	Activation Activation Activation Activation 1. Mob/Del 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pig 7. Fishing 8. OH Logg 9. Lost Circulation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activat	Time Sivity Mob enal Work De c. nt./LOT .D. D. BHA D. Pipe	ummary Daily	8 2.5 24 144.5 2 9
OPERAT TII FROM 0600 0700 0730	D 67 IONS SUI ME TO 0700 0730 0800	HOUR 1.0 0.5 0.5	7 Time Code 5 20 17	Boats: Drill 49: Survey Service Drill 50- Mancos Dakota Bushy I Moab T Entrada Navajo Wingate	79' to 50 4967' 1 rig. Fun 40' to 54 s Shale Sandsto Basin 2 ongue 3 a Slick R 4120' e 4806'	40' deg ction pi 69' Surfacone 25(778' 3420' ock 35	Supply B Crew B pe rams	Di Ce Sa Er Ci Ka Ch	akota Silt dar Moun alt Wash : ntrada (Ea armel 397 ayenta 45	2466' vtain 265 3067' urthy Mem 2' 992'	\$4, 'S	DL	Activation Activation Activation Activation 1. Mob/Del 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pig 7. Fishing 8. OH Logg 9. Lost Circulation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activat	Time Si vity Mob enal Work De c. int./LOT .D. BHA D. Pipe	ummary Daily	2 144.5 2 9 4
OPERAT TII FROM 0600 0700 0730	D 67 IONS SUI ME TO 0700 0730 0800	HOUR 1.0 0.5 0.5	7 Time Code 5 20 17	Boats: Drill 49: Survey Service Drill 50- Mancos Dakota Bushy I Moab T Entrada Navajo Wingate BKG = Conn = Trip = 0	79' to 50 4967' 1 rig. Fun 40' to 54 s Shale Sandsto Basin 2 ongue 3 a Slick R 4120' e 4806'	40' deg ction pi 69' Surfacone 25(778' 3420' ock 35	Supply B Crew B pe rams	Di Ce Sa Er Ci Ka Ch	akota Silt dar Moun alt Wash : ntrada (Ea armel 397 ayenta 45	2466' vtain 265 3067' urthy Mem 2' 992'	\$4, 'S	DL	Activation Activation Activation Activation Comment Comment Comment Activation Comment Comment Activation Comment Comment Activation Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment Comment	Time Sivity Mob enal Work De D. BHA D. Pipe D Dair Dasing	Jummary Daily 23	2 9 4 30 2 2
OPERAT TII FROM 0600 0700 0730	D 67 IONS SUI ME TO 0700 0730 0800	HOUR 1.0 0.5 0.5	7 Time Code 5 20 17	Boats: Drill 49: Survey Service Drill 50- Mancos Dakota Bushy I Moab T Entrada Navajo Wingate BKG = Conn = Trip = 0 Max Fo	79' to 50 4967' 1 rig. Fun 40' to 54 s Shale Sandsto Basin 2 ongue 3 a Slick R 4120' e 4806'	40' deg ction pi 69' Surfacone 25(778' 3420' ock 35	Supply B Crew B pe rams	Di Ce Sa Er Ci Ka Ch	akota Silt dar Moun alt Wash : ntrada (Ea armel 397 ayenta 45	2466' vtain 265 3067' urthy Mem 2' 992'	\$4, 'S	DL	Activation Activation Activation Activation Comment Comment Comment Addition Comment Addition Comment Addition Activation Comment Addition Comment Activation Comment Addition Activation Comment Addition Activation Comment Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation	Time Sivity Mob enal Work De D. D. BHA D. Pipe D. pair asing Rig	ummary Daily	2.5 24 144.5 2 9 4
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OPERAT TII FROM 0600 0700 0730	D 67 IONS SUI ME TO 0700 0730 0800	HOUR 1.0 0.5 0.5	7 Time Code 5 20 17	Boats: Drill 49' Survey Service Drill 504 Mancos Dakota Bushy I Moab T Entrada Navajo Wingate BKG = Conn = Trip = 0 Max Fo 3 new s 9- 4520 9a- 485	79' to 50 4967' 1 rig. Fun 40' to 54 s Shale Sandsto Basin 2 ongue ; a Slick R 4120' e 4806 ' 0 u orm. Gas shows: '' to 4850 60-5098' 8' - 5320	40' deg dego dego dego dego dego dego dego	Supply B Crew B pe rams e oil brown c oil seepin Brown c	Di Ce Sa Er Ch	akota Silt edar Moun alt Wash intrada (Ea armel 397 ayenta 45 inte 5180'	2466' 2466' stain 265 3067' arthy Mem 2' sig2' flouresce gold flouresce	6' ber) 3464	DL	Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Act	Time Sivity Mob enal Work De Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair Dipair D	Jummary Daily 23	2 9 4 30 2 2 4 6.5 31
OPERAT TII FROM 0600 0700 0730	D 67 IONS SUI ME TO 0700 0730 0800	HOUR 1.0 0.5 0.5	7 Time Code 5 20 17	Boats: Drill 49: Survey Service Drill 50- Mancos Dakota Bushy I Moab T Entrada Navajo Wingate BKG = Conn = Trip = 0 Max Fo 3 new s 9- 4520 9a- 485 9b- 509 10 534	79' to 50 4967' 1 rig. Fun 40' to 54 s Shale Sandsto Basin 2 'ongue 3 a Slick R 4120' e 4806' 0 u o u o u o u o u o u o u o u o u o to 54 s Shale Sandsto a Slick R 4120' e 4806' o u o u o u o u o u o o o o o o o o o o	40' deg dego dego dego dego dego dego dego	Supply B Crew B pe rams e oil brown c oil seepin Brown c	Di Ce Sa Er Ch	akota Silt edar Moun alt Wash intrada (Ea armel 397 ayenta 45 inte 5180'	2466' 2466' stain 265 3067' arthy Mem 2' sig2' flouresce gold flouresce	6' ber) 3464	DL	Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Act	Time Sivity Mob elail Work De ging D. BHA D. Pipe De gair asing Rig ck Op. Pipe	Jummary Daily 23	2 9 4 30 2 2 2 4 6.5 31
OPERAT TII FROM 0600 0700 0730	D 67 IONS SUI ME TO 0700 0730 0800	HOUR 1.0 0.5 0.5	7 Time Code 5 20 17	Boats: Drill 49: Survey Service Drill 504 Mancos Dakota Bushy I Moab T Entrada Navajo Wingate Conn = Trip = 0 Max Fo 3 news 9-4520 9a-485 9b-509 10 534	79' to 50 4967' 1 rig. Fun 40' to 54 s Shale Sandsto Basin 2 'ongue 3 a Slick R 4120' e 4806' 0 u o u o u o u o u o u o u o u o u o to 54 s Shale Sandsto a Slick R 4120' e 4806' o u o u o u o u o u o o o o o o o o o o	40' deg dego dego dego dego dego dego dego	Supply B Crew B pe rams e oil brown c oil seepin Brown c	Di Ce Sa Er Ch	akota Silt edar Moun alt Wash intrada (Ea armel 397 ayenta 45 inte 5180'	2466' 2466' stain 265 3067' arthy Mem 2' sig2' flouresce gold flouresce	6' ber) 3464	DL	Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation Activation	Time Sivity Mob elail Work De ging D. BHA D. Pipe De gair asing Rig ck Op. Pipe	Jummary Daily 23	2 9 4 30 2 2 4 6.5 31 5
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M 49 OPERAT TIII FROM 0600 0700 0730 0800	D 67 IONS SUI ME TO 0700 0730 0800 0600	TVI 496 MMARY HOUR 1.0 0.5 0.5 22.0	7 Time Code 5 20 17	Boats: Drill 49: Survey Service Drill 504 Mancos Dakota Bushy I Moab T Entrada Navajo Wingate Conn = Trip = 0 Max Fo 3 news 9-4520 9a-485 9b-509 10 534	79' to 50 4967' 1 rig. Fun 40' to 54 s Shale Sandsto Basin 2 'ongue (a Slick R 4120' e 4806 ' 16 -26 u 0 u orm. Gas shows: 't to 4850 (50-5098' 88' - 5320' 0-5390'	40' deg dego dego dego dego dego dego dego	Supply B Crew B pe rams e oil brown c oil seepin Brown c	Di Ce Sa Er Ch	akota Silt edar Moun alt Wash intrada (Ea armel 397 ayenta 45 inte 5180'	2466' 2466' stain 265 3067' arthy Mem 2' sig2' flouresce gold flouresce	6' ber) 3464	DL	Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Activate Act	Time Sivity Mob elail Work De ging D. BHA D. Pipe De gair asing Rig ck Op. Pipe	Jummary Daily 23	2 9 4 30 2 2 24 6.5 31 5
M 49 OPERAT TIII FROM 0600 0700 0730 0800	D 67 IONS SUI ME TO 0700 0730 0800	HOUR 1.0 0.5 0.5	7 Time Code 5 20 17	Boats: Drill 49: Survey Service Drill 504 Mancos Dakota Bushy I Moab T Entrada Navajo Wingate BKG = Conn = Trip = 0 Max Fo 3 new s 9- 4520 9a- 485 9b- 509 10 534	79' to 50 4967' 1 rig. Fun 40' to 54 s Shale Sandsto Basin 2 'ongue (a Slick R 4120' e 4806 ' 16 -26 u 0 u orm. Gas shows: 't to 4850 (50-5098' 88' - 5320' 0-5390'	40' deg ction pi 69' Surface one 250' 778' 3420' ock 35	Supply B Crew B pe rams e oil brown c oil seepin Brown c	Di Ces Sa Er Ch	akota Silt edar Moun alt Wash intrada (Ea armel 397 ayenta 45 inte 5180'	2466' 2466' stain 265 3067' arthy Mem 2' sig2' flouresce gold flouresce	6' ber) 3464	DL	Activation Activation Activation 1. Mob/Del 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pig 7. Fishing 8. OH Logg 9. Lost Circulate 10. Drill Cr 11. N.U./N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run Ca 17. Service 18. Sidetra 19. Stuck F 20. Survey 21. Trips 22. Tst. BC 23. UR/HO 24. W.O.W 25. Wash & 26. Well Cc 27. WOC 28. Other Total	Time Sivity Mob Pall Work De pair D. Pipe Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popair Popai	Jummary Daily 23 0.5	2 9 4 30 2 2 2 4 6.5 31 5 8 8 6 34.5
M 49 OPERAT TIII FROM 0600 0700 0730 0800	D 67 IONS SUI ME TO 0700 0800 0600	TVI 496 MMARY HOUR 1.0 0.5 0.5 22.0	Time Code 5 20 17 5	Boats: Drill 49: Survey Service Drill 504 Mancos Dakota Bushy I Moab T Entrada Navajo Wingate BKG = Conn = Trip = 0 Max Fo 3 new s 9- 4520 9a- 485 9b- 509 10 534	79' to 50 4967' 1 rig. Fun 40' to 54 s Shale Sandsto Basin 2 'ongue (a Slick R 4120' e 4806 ' 16 -26 u 0 u orm. Gas shows: 't to 4850 (50-5098' 88' - 5320' 0-5390'	40' deg ction pi 69' Surface one 250' 778' 3420' ock 35	145 section Supply B Crew B Per rams Per rams Supply B Crew B Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams Per rams	Di Ces Sa Er Ch	akota Silt edar Moun alt Wash intrada (Ea armel 397 ayenta 45 inte 5180'	2466' 2466' stain 265 3067' arthy Mem 2' sig2' flouresce gold flouresce	6' ber) 3464	DL	Activates Activates 1. Mob/Del 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pij 7. Fishing 8. OH Logg 9. Lost Circ 10. Drill Cn 11. N.U./ N 12. P.U./L. 13. P.U./L. 14. R/U; R 15. Rig Re 16. Run Ca 17. Service 18. Sidetra 19. Stuck F 20. Survey 21. Trips 22. Tst. BC 23. UR/HO 24. W.O.W 25. Wash & 26. Well Cd 27. WOC 28. Other Total	Time Sivity Mob Pall Work Pall Work De BHA D. Pipe De pair Sing Rig ck Op. Place Ream Pontrol	Jummary Daily 23 0.5 0.5 0.5	2 9 4 30 2 2 2 4 6.5 31 5 8 8 6 34.5



MSC Exploration Daily Drilling Report

	BOCK AL	ices				, - -			
	Block, Lease and Well No. E. Crested Junction - Federal MSC #26-1			Contract Rig	DOL	DFS	Date on Location	Spud Date	Report Date
	E. Crested	Junction - Federal M	SC #26-1	Union #7	19	12	11/3/2004	Nov 10, 2004	Nov 22, 2004
MD	TVD	Footage	AFE No.	AFE Amount	Auth. TD.		Company Repre	sentative	•
5,714	5,714	245		\$958,000		8,700'	1 (Carl Huislander	
		Present Operati	on .	Rig Phone:	4	35-220-09	99 <u>Toolpus</u>	ner	
l	TOOH for Bit # 6		Rig Fax:	4:	35-220-09	99	Conrad Tenney		

Current Weather	BLM Visit	NPDES	People on Loc.:	15	Last BOP Test Date	RIG E	LEVATIONS
Wind:	∐ Yes 🛂 No	LC50 Sample Date	Operator	1	11/11/2004	RKB	15 ft
Seas:	Problem? Yes		Contractor	11	Next BOP Test Date	Water Depth	ft
Sky:	☐ No	Pass? Yes No	Service	3	12//11/04	RKB-CHF	ft
CASING RECORD						···	

Casing String	OD	Wt.	Grade	Conn.	Jts. Run	Setting	Depth	Liner	Тор	MW when		LOT	
						MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?
Conductor	16"		LP		1	37'	37'			Aìr			
Surface	9 5/8"	32.3	H40	STC	12	534'	534'			Air			<u> </u>
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BIT. WEIGHT. SPEED AND HYDRAULICS RECORD

BIT		Bit Typ	e and			to specific a		I	Total			1	Avg	1	Grade	
No	Size	Manufa	acturer	Serial I	Number	, J	ets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
5	8 3/4	Reed F2	2HV PS	MR	9385	16,	16,16	4,785'	929'	50	30/40	98	18.6			
Bit Re	marks:						-	ROT. Hrs	PU 13			Wt 16		T Wt 22	Tor	dne
D			1				<u>''</u>	14.5	10		<u> </u>	''			Pump Pres	SILLOS
Pump No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure		Pb	A	٧V	Speed	SPM		Pump #2	
			gps							DC	DP	1/4				
1	9	x 6	3.15	110	346		300	188		187	132	1/2	47	245		
2	9	x 6	3.15									3/4				

ВНА

Length: 601.72	Description:	bit (1'), motor (27.94'), 12 - 6" DCs(335.88'), jars (30.41'), 6 - 6" DCs (179.87')
		Motor rpm 83 + table 15 rpm

MUD DATA

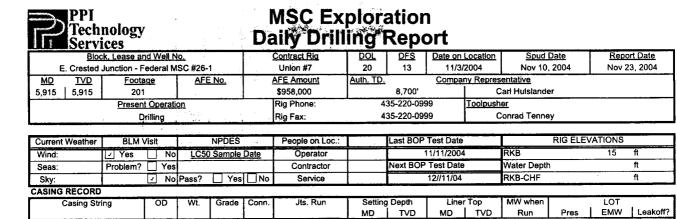
	WT.	VIS	PV	YP_	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	рН	l Pm	Pf/Mf
PIT	8.8	40	12	15.0	11/20	6.6		2	3.5			0.25	12	8.2	0.25	.001/1.0
			J	<u> </u>		L.,.									<u> </u>	
	·		т		Smpl	F.L.			T				· · · · · ·			
	Chic	orides	Ca	9++	Temp	Temp	Shaker	Screens	Но	urs M	ud Engine	er			/lud Compa	ny
PIT	10	0000	2	00	88	104	#1	#2	Desand	Cent.						
	2 %	KCL	I				145	145		24	J	lon Lymai	n		M-I	
							#3	#4	Desilt	Mud CI	Daily	Cost		C	umulative C	ost

MD	TVD	ANGLE	Direction	Coordinates	· VS	DL	CLOSURE
545	5454	2.50 °					
OPERATIONS SUI				,			

	ΛE			Boats: Supply Boat		Status:		
FROM	TO	HOUR	Code	Crew Boat	Name:	Status:		
0600	1130	5.5	5	Drill 5469' to 5527 '		Time Su		
1130	1200	0.5	20	Survey 5454' - 2.5 deg		Activity	Daily	Cum.
1200	1230	0.5	17	Service rig. Function annular		1. Mob/DeMob		8
1230	0300	14.5	5	Drill 5527' to 5714'		2. Cement		2.5
0300	0400	1.0	3	Circ. Mix pill and pump.		3. Circulate	1	25
0400	0600	2.0	21	TOOH for bit #6		4. Directional Work		
						5. Drilling	20	164.5
						6. Drive Pipe		
						7. Fishing		
						8. OH Logging		
						9. Lost Circ.		
						10. Drill Cmt./LOT		2
						11. N.U./ N.D.		9
						12. P.U./L.D. BHA		4
				Mancos Shale Surface	Dakota Silt 2466'	13. P.U./L.D. Pipe		
				Dakota Sandstone 2500'	Cedar Mountain 2656'	14. R/U; R/D		30
				Bushy Basin 2778'	Salt Wash 3067'	15. Rig Repair		
				Moab Tongue 3420	Entrada (Earthy Member) 3464'	16. Run Casing		2
				Entrada Slick Rock 3573'	Carmel 3972'	17. Service Rig	0.5	2.5
			I	Navajo 4120'	Kayenta 4592'	18. Sidetrack Op.		
				Wingate 4806 '	Chinle 5180'	19. Stuck Pipe		24
				Shinarump 5585'	Moenkopi 5596'	20. Survey	0.5	7
					-	21. Trips	2	33
				BKG = 12 -26 u		22. Tst. BOPs		5
				Conn = 6 u		23. UR/HO		
				Trip = 0 u		24. W.O.W.		
				Max Form. Gas = 0 u		25. Wash & Ream		8
				1 new show		26. Well Control		
						27. WOC		6
				11- 5550' - 5714' (164') Visible It b	roil, gold flor	28. Other		34.5
			1	•		Total	24	367

RECEIVED MAY 2 5 2005

Daily Cost Cum. Cost



32.3

9 5/8"

Surface

STC

12

H40

MD

37

534'

TVD

37'

534

MD

Run Air Air

BIT, WEI	SHT, SPE	ED AND H	YDRAUL	ICS REC	ORD												
BIT		Bit Type					*		Total				Avg		Grade		
No	Size	Manufa	cturer	Serial	Number		ets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage	
5	8 3/4	Reed F2			9385		16,16	4,785'	929'	50	20/05	05/400	18.6	6	5	1/16	
6	8 3/4	HTC G		50636		16,	16,16	5,714'	201'	15	30/35	95/100	13.4	F 1474	Tor		
Bit Rer	marks:	Buttons go	ne on all	outer rov	vs on all			ROT, Hrs		Wt		Wt 18	RO1	24	101	que	
			_					75	<u> </u>	30	1	10 T	12		Pump Pres	CUITOS	
Pump No.	Charles	Vlines	Output	SPM -	GPM	Pro	ssure	JV	Pb	۵ ا	١V	Speed	SPM		Pump #2		
INO.	Stroke	X Liner		JF IW) U W	. , 10	33010	"	'	DC	DP	1/4		T T			
			gps	140	246	4	230	188		187	132	1/2	48	220			
1 2		x 6 x 6	3.15 3.15	110	346	<u> </u>	230	100	<u> </u>	107	132	3/4	70				
	9	X 0		,						l		, U, T		I	<u></u>		
BHA Length:	601.72	Descri	tion:	5# (41) e	notor (27	041 12	- 6" DCc/	(335.88'), ja	are / 30 41') 6 - 6" DC	s (179 87	" \					
Lengin.	001.72	Descri	Juon.		m 83 + ta			,000.00), j.	113 (00.41	,, 0 0 50	70 (110.01	,					
				MOLOI IL	MII 65 + (e	DIE 131	Pm										
MUD DA	T A																
MIOD DA		140	D) (1 1/17	CELC	107	UTUD	CAKE	SLDS %	LGS %	OIL %	SD %	мвт	рН	Pm	Pf/Mf	
	WT.	VIS	PV	YP	GELS	WL	HTHP		صحصه	LG3 /6	OIL 76		11.6	9	0.3	.15/1.25	
PIŤ	8.8	43	11	17.0	12/20	8.0	<u> </u>	2	3.5	 	 	0.25	0.3	.15/1.25			
	L		L		l	<u> </u>	Ь	<u> </u>	l	L	<u></u>	<u></u>	<u> </u>	<u> </u>		L	
			,										г				
			_		Smpl	F.L. Temp	Shaka	Screens			And Carter	oor	I	.	Mud Compa	nv	
A)-		orides		1++ 00	Temp	103					lud Engine	3 6 L	<u> </u>	<u> </u>	viuu Compa	ıry	
PIT												lan Limit	_	!	M-I		
	2 %											Jon Lyma	n 1	 	umulative C	net	
							#3		Uesilt	Mud CI		,631	 	 	\$34,689		
DIDECT	ONAL SIL	DVEVO					145	255	<u> </u>	1 24	- \$2,	1001	<u> </u>	<u></u>	Ψυ-1,009		
DIRECTI	ONAL SU	RVEYS	D	ΔΝ	GLE	Dir	ection	Coor	dinates	 	/S	DL		CLO	SURE		
M		1 V		, AN	JLL	11011	COLIGIT	, 0001		 		1	<u> </u>	0.00			
				 				 	-		 	 					
ODEDAT	IONS SUI	MARV		<u> </u>		Ļ				<u> </u>	<u> </u>						
		VINIARI	Time	Boats:			Supply B	oat Name:					Status:				
FROM	ME TO	HOUR	Code	Boats.				loat Name:				-	Status:				
0600	0800			TOOL	Form In 14		Cicii L	out Humo.					Time Summary				
		2.0	21	ТООН									٠.,		1	C	
0800	0830	0.5	21	Function	on blind r	ams							Act	Daily	Cum.		
0830	0900	0.5	21	TIH to	surface s	shoe							1. Mob/De	Mob		8	
0900	1100	2.0	17	Slip an	d cut 100	oʻ drillin	a line. Cl	hange oil	in floor me	otor			2. Cemen		2.5		
1100	1130	0.5	17	Service			9						3. Circulat		0.5	25.5	
1130	1300		1	TIH	3 119	-	· · · · ·						4. Directio		1		
		1.5	21										 	IIAI VVOIK	1 2 -	470.5	
1300	1330	0.5	3	Fill pip	e @ 351	1':							5. Drilling		15	179.5	
1330	1430	1.0	21	TIH									6. Drive P	ipe			
1430	1500	0.5	25	Wash a	and ream	1 38' to	bottom.	10' of fill					7. Fishing		<u> </u>		
1500	0600	15.0	5	Drill to	5915'								8. OH Log	ging			
	<u> </u>		1		٠.								9. Lost Cir	rc	1		
	 	 	 	 									10. Drill C		 	2	
	 	<u> </u>	 	ł									11. N.U./		+	9	
	ļ			 						0.400:					 		
			1		s Shale				akota Silt				12. P.U./L		 	4	
		<u> </u>	ļ <u>.</u>	Dakota	Sandsto	one 25	00'		edar Mour		56'		13. P.U./L		ļ	Ļ	
				Bushy	Basin 2	778'		S	alt Wash	3067'			14. R/U; F	R/D		30	
				Moab 1	Tongue	3420'		E	ntrada (Ea	arthy Men	nber) 3464	4'	15. Rig Re	epair			
	l		T		a Slick R		573'		armel 397		*		16. Run C		1	2	
	 	 	!		4120'		· ·		ayenta 4				17. Service		2.5	5	
	 	 	 										18. Sidetra		† 	<u> </u>	
	-	 	 	¥	te 4806'				ninle 5180						+		
			!		ump 558			M	loenkopi	5596'			19. Stuck		 	24	
			1	Moenkopi Sinbad '									20. Surve	у	<u> </u>	7	
	1												21. Trips		5.5	38.5	
				BKG =	6 - 15 u								22. Tst. B	OPs		5	
			t	Conn =		· · · · ·				 -			23. UR/H				
		 	<u> </u>												+	 	
	<u> </u>	ļ		Trip = :									24. W.O.V		+		
		L	:	Max Fo	orm. Gas	= 0 u							25. Wash	& Ream	0.5	8.5	
				No nev	v shows								26. Well C	Control			
		l	1			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							27. WOC		T	6	
	 	 	1														
	 	 	 	[~~							24	34.5 391	
Ŧ-4-1	Haur	24.0	}	<u> </u>									Total		24	1 291	
	Hours	24.0	<u> </u>	1		In. a · · ·	n4a=!=4 :	Decard				In	Cost	***	7 212		
	wntime	0-2	Fuel L		0-1-		laterial on	Board	·			Previous			7,212		
										SX		Daily Co			4,990 32,202		
C	ım. Cum. 11628 Gals Barite: sx									Cum. Co	/aı	A)OC	12,202				

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MSC Exploration

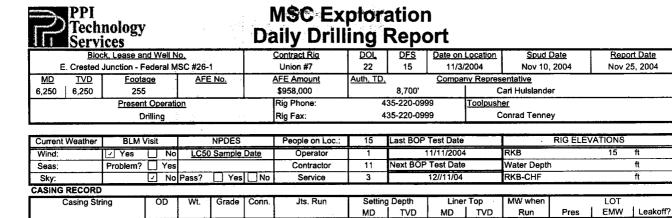
Daily Drilling Report

Serv	ices	L	ally Drill	ing i	Repo	ort						
Blo	ck, Lease and Well N	lo.	Contract Rig	DOL	DFS	Date on Loca	ation	Spud Date	Report Date			
E. Crested	Junction - Federal M	ISC #26-1	Union #7	21	14	11/3/2004	•	Nov 10, 2004	Nov 24, 2004			
MD TVD	<u>Footage</u>	AFE No.	AFE Amount	Auth. TD.		Company R	y Representative					
5,995 5,995	80 ,		\$958,000	1	8,700'	ı	Carl H	ulslander				
	Present Operati	on.	Rig Phone:	4	35-220-099	99 <u>Too</u>	Toolpusher					
	Drilling		Rig Fax:	4	35-220-099	99	Conrad Tenney					
Current Weather	BLM Visit	NPDES	People on Loc.:	.: 15 Last BOP Test Date		Test Date	le RIG ELEVATIONS					
146 d.	II I Van III Na	LCEO Camala Data			T	14/44/0004	TO VO		A.F A			

5,995	5,995	80			\$958,000					8,700'	устро	Carl Hulslander				
		Presen	t Operati	<u>on</u>			Rig Phon	ie:		35-220-099		Toolpush				
			rilling		.,	• •	Rig Fax:		4:	35-220-099	99		Conrad Tenne	Э У		
Current	Weather	BLM '	√isit		NPDES		People	on Loc.:	15	Last BOP	Test Date		T	RIG ELEV	/ATIONS	
Wind:		✓ Yes	No	LC50	Sample	Date	Ope	erator	. 1		1/11/2004		RKB		15	ft
Seas:		Problem?	Yes				Cont	tractor	11	Next BOP	Test Date		Water Depti	h		ft
Sky:			☑ No	Pass?	Yes	No	Se	rvice	3		12//11/04		RKB-CHF			ft
CASING	RECORD			2 NS 1 12 1												
(Casing Stri	ng	OD	Wt.	Grade	Conn.	Jts.	Run	Setting	Depth	Line	Тор	MW when	T	LOT	
			<u> </u>		<u> </u>				MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?
Conducto	or		16"		LP			1	37'	37'			Air			
Surface			9 5/8"	32.3	H40	STC		12	534'	534'			Air			
			L													
	<u> </u>															
BIT, WEI	GHT, SPE	ED AND H	YDRAUL	ICS REC	ORD											
BIT		Bit Typ							Total				Avg		Grade	
No	Size	Manufa	cturer		Number	j	ets	Depth In		Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
6	8 3/4	HTC G	TA 28	50636	84	16,	16,16	5,714'	201'	23	35/40	80/85	8.7			
Bit Re	marks:							ROT. Hrs	PU			Wt	ROT		To	que
				9 . 7			1	83	13	30	1	18	12			
Pump						l									Pump Pres	
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	J۷	Pb	A		Speed	SPM	Pump #1	Pump #2	Pump #3
			gps							DC	DP	1/4	<u> </u>		<u> </u>	
1	9	x 6	3.15	120	346	` 8	50	188		187	132	1/2	48	220		
2	9	x 6	3,15									3/4				
ВНА			4.1	Tear of	ι.											
Length:	577	Descri	otion:	bit (1'), E	3S (3.23')	, 12 - 6"	DCs(335	.88'), jars (30.68'), 6	- 6" DCs (1	79.87')					
							-									
					,											
MUD DA	TA	***********														
	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	pН	Pm	Pf/Mf
PIT	8.8	44	17	27.0	18/28	8.2	,,,,,,,,,	2	3.5	EGG 78	OIL 70	0.25	12	8	0.2	.001/1.2
-11	0.0	- 44	-''	21.0	10/20	0,2		-	3.5			0.23	1,2	<u> </u>	0.2	.001/1.2
	L		<u> </u>	L	L			<u>t</u>	Ĺ	l	l		L	l ,	l	<u> </u>
					Smpl	F.L.										
	Chi	orides	٫,	1++	Temp	Temp	Shaker	Screens	ا ا	urs M	lud Engine			١,	fud Compa	n.
DIT		000		00		remp					ua Engine	er	<u> </u>	1 1	iuu Compa	ily
PIT	L		-	UU	87		#1 145	#2 145	Desand	Cent. 24	l		_		M-I	
	2 %	KCL	L		<u> </u>	L			Desile	_	Doily	Jon Lyma Cost	<u>n</u>		umulative C	act
							#3 145	#4 255	Desilt	Mud Cl 24	\$2,				\$37,320	USI
DIDECT	ONAL SU	DVEVS					145	200	<u> </u>	24	J #2,		1	<u> </u>	ψ31,32U	
	ID	TV	<u> </u>	1 45	GLE	Dir	ection	Coor	linates	V	•	DL		CLOS	IIDE	
	916	591			00°		30001	COOR	in iates	· · · · · · · · ·		DL	<u> </u>	CLOS	JOINE .	
55	710	591	U	- 2.0	10		-	<u> </u>				 	 			
ODEDAT	IONE CUI	MARV		1				L		•	L		<u> </u>			
	IONS SUI	MARKT	-				0 - 1 -						01.1			
FROM	ME	HOUR	Time	Boats:			Supply B	oat Name:					Status:			

OPERAT	IONS SUI	MMARY									
TIN			Time	Boats:	Supply Bo	oat Name:			Status:		
FROM	TO	HOUR	Code		Crew Bo	oat Name:			Status:		
0600	1100	5.0	5	Drill 5915' to 59	67'				Time Su	immary	
1100	1200	1.0	3	Circulate hole,	Mud motor failure	e			Activity	Daily	Cum.
1200	1300	1.0	20	Survey 5916' 2	deg				1. Mob/DeMob		8
1300	1330	0.5	17	Service rig					2. Cement		2.5
1330	1430	1.0	3	Mix and pump p	ill				3. Circulate	2	27.5
1430	2100	6.5	21	TOOH. LD mot	or. Change out j	ars			4. Directional Work		
2100	0300	6.0	21	TIH. 10' fill					5. Drilling	8	187.5
0300	0600	3.0	5	Drill 5967' to 59	95'				6. Drive Pipe		
									7. Fishing		
									8. OH Logging		
									9. Lost Circ.		
									10. Drill Cmt./LOT		2
				BLM visit from J	lack Johnson. Ev	erything wonderfu	at location		11. N.U./ N.D.		9
									12. P.U./L.D. BHA		4
				Mancos Shale	Surface	Dakota Silt	2466'		13. P.U./L.D. Pipe		
				Dakota Sandsto	ne 2500'	Cedar Moun		14. R/U; R/D		30	
				Bushy Basin 2	778'	Salt Wash		15. Rig Repair			
		,		Moab Tongue 3	3420'	Entrada (Ea	rthy Member) 3464		16. Run Casing		2
				Entrada Slick R	ock 3573'	Carmel 397	2'		17. Service Rig	0.5	5.5
				Navajo 4120'		Kayenta 45	92'		18. Sidetrack Op.		
				Wingate 4806 '		Chinle 5180)'		19. Stuck Pipe		24
				Shinarump 558	5'	Moenkopi 5	596'		20. Survey	1	8
				Moenkopi Sinba	ad '				21. Trips	12.5	51
									22. Tst. BOPs		5
				BKG = 6 - 15 u					23. UR/HO		
				Conn = 0 u				·	24. W.O.W.		
				Trip = 590 u					25, Wash & Ream		8.5
,				Max Form. Gas	= 0 u				26. Well Control		
				No new shows					27. WOC		6
									28. Other		34.5
					,				Total	24	415
Total I		24.0									
Rig Do	wntime		, Fuel U		Bulk Material on B		ious Cost \$562,202				
Daily		Daily		30 Gals 258 Gals	Cement:	Daily Cos					
Cum.	L	Cum.	12	258 Gals	Barite:		sx	Cum. Cos	st \$581	1,704	

RECEIVED



12

STC

H40

9 5/8"

32.3

Conductor

Surface

37'

534'

37

534'

Air

Аіг

														1		
						ļ										
	GHT, SPE	ED AND H		ICS REC	CORD				Total		Г		Avg	ı	Grade	
BIT No	Size	Bit Typ Manufa		Serial I	Number		lets	Depth In		Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
6	8 3/4	HTC G		50636			16,16	5,714'	536'	46 1/2	35/40	85/90	11.5			
								L				<u> </u>				
Bit Re	marks:							ROT. Hrs 06.5	PU 1	Wt 38		Wt 28		Γ Wt 18	lor	que
ump	· · · · · ·		· ·					70.5	```	JU	<u> </u>	<u> </u>	<u>'</u>		Pump Pres	sures
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	JV	Pb		V	Speed	SPM	Pump #1	Pump #2	Pump
			gps			ļ				DC	DP	1/4		ļ		
1		x 6	3.15	120	346	1	230	205		204	144	1/2 3/4	52	280		
2 H A	9	x 6	3.15	L	<u> </u>			l	<u> </u>			3/4	l	<u> </u>		
ength:	577	Descri	otion:	bit (1'). E	3S (3.23')	. 12 - 6"	DCs(335	.88'), jars (30.68'), 6	- 6" DCs (179.87')					
						·	<u>`</u>		•							
													-			
UD DA	TA						····									
	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	рН	Pm	Pf/M
T	8.8	35	5	17.0	11/23	8.8		2	3.5	-		0.25	12	8	0.25	0.1/1
	L i		L	<u> </u>	<u> </u>		<u> </u>	J		1	l	<u> </u>	L	l	<u> </u>	
	ļ		T		Smpl	F.L.			T				1	T		
		orides		1++	Temp	Temp		Screens	өг	<u> </u>	N	lud Compa	ny			
IT		000	2	60		112		#2	Desand			lan 1		i -	M-l	
	2.1	% KCL	<u> </u>		<u></u>	<u> </u>	145 #3	145 #4	Desilt	24 Mud Cl		Jon Lyma Cost	I	Ci	mulative C	ost
							145	750			\$40,070					
	ONAL SU					Δi,		255		24						
N	1D	TV	D	AN	GLE	Dir	ection	Coor	dinates	\ \ \ \	/S	DL		CLOS	URE	
						-	·	 	 		 					
PERAT	IONS SUI	MMARY		L		<u> </u>			<u> </u>	<u> </u>		I				
	ME		Time	Boats:			Supply B	oat Name:					Status:			
ROM	TO	HOUR	Code				Crew B	loat Name:					Status:			
0600	2200	16.0	5	Drill									1	Time St		
2200	2230	0.5	17	Service	rig and	functio	n BOP							tivity	Daily	Cun
2230	0600	7.5	5	Drill to	6250'								1. Mob/De			8
			1	<u> </u>									2. Cemen		2.5	
			└	!									3. Circula			27.
	ļ		.	<u> </u>									4. Direction	nal Work		
	 							lete. 15 j	ts 7" casir	ng. 134 jts	s 2 7/8" tt	og	5. Drilling		23.5	211
	ļ			Moved	to State	35-1 IC	cation						6. Drive P			-
		<u> </u>	ļ										7. Fishing 8. OH Log			-
	 			 									9. Lost Ci		 	
	 	<u> </u>		├								•	10. Drill C		 	2
		 	 	 									11. N.U./		 	9
	 	 	 	 	,								12. P.U./L			4
	 	 	 	Manco	s Shale	Surfac	:e	ח	akota Silt	2466'			13. P.U./L			ऻ
	 		1		Sandste				edar Mour				14. R/U; F			30
	†	<u> </u>	F		Basin 2				alt Wash				15. Rig R	***		
			1		Tongue		· · · · · · · · · · · · · · · · · · ·		ntrada (Ea		ber) 3464	4'	16. Run C		1	2
		 		_	a Slick R		573'		armel 397				17. Service		0.5	6
					4120'			к	ayenta 45	592'			18. Sidetr	ack Op.		
				Wingat	te 4806 '			- 0	hinle 518	0'			19. Stuck	Pipe		24
				Shinarump 5585' Moenkopi 5596' 20. Survey									8			
				Moenkopi Sinbad ' 21. Trips										51		
													22. Tst. B	OPs		5
					6 - 32 u								23. UR/H	0		
				Conn =	= 0 u								24. W.O.\	N.		
				Trip =	0 и								25. Wash	& Ream		8.5
				Max Fo	orm. Gas	s = 0 u							26. Well 0		L	
				No nev	v shows								27. WOC		1	6
													28. Other		<u> </u>	34.
											-				1 64	43
													Total		24	70.
	Hours	24.0		<u> </u>		In .		n				In: ·				70
	Hours	24.0 Daily	Fuel L	Jsage	Gals	Bulk M	laterial on	Board		sx		Previous Daily Co	Cost		1,704	

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MSC Exploration

Daily Drilling Report

Services	Dany Dim	ing itchoit		
Block, Lease and Well No.	Contract Rig	DOL DFS Date on	Location Spud Date	Report Date
E. Crested Junction - Federal MSC #26-1	Union #7	23 16 11/3	/2004 Nov 10, 2004	Nov 26, 2004
MD TVD Footage AFE No.	AFE Amount	Auth. TD. Compa	ny Representative	
6,368 6,358 108	\$958,000	8,700'	Carl Hulslander	
Present Operation	Rig Phone:	435-220-0999	Toolpusher	
Drilling	Rig Fax:	435-220-0999	Conrad Tenney	

Current Weather	BLM Visit	NPDES	People on Loc.:	15	Last BOP Test Date	RIG EL	EVATIONS
Wind:	✓ Yes No	LC50 Sample Date	Operator	1	11/11/2004	RKB	15 ft
Seas:	Problem? Yes		Contractor	11	Next BOP Test Date	Water Depth	ft
Sky:	✓ No	Pass? 🔲 Yes 🔲 No	Service	3	12//11/04	RKB-CHF	ft

CAS	ING	RE	CO	RD

Casing String	OD	Wt.	Grade	Conn.	Jts. Run	Setting	Depth	Line	Тор	MW when		LOT	
ŭ						MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?
Conductor	16"		LP		1	37'	37'			Air			
Surface	9 5/8"	32.3	H40	STC	12	534'	534'			Air			
					·				ļ	ļ			
		ļ				ļ		}	 -				
				ļ									
		<u> </u>	 			+		 	ļ	 			

BIT, WEIGHT, SPEED AND HYDRAULICS RECORD

BIT	Bit Type and Size Manufacturer Serial								Total				Avg		Grade	
No	Size			Serial I	Number	J	ets	Depth in	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
6	8 3/4	HTC G	TA 28	50636	84	16,16,16		5,714'	616'	56	35/40	85/90	11.0			
7	8 3/4	HTC G	TS 28	50636	83	16,16,16		6,330'	28'	3	35/40	85/90	9.3	<u> </u>		
Bit Re	marks:					1 1	Cum. F	ROT. Hrs	PU	Wt	SO	Wt	RO	ſ Wt	Tor	que
							20	6.5								
Pump	mo I													Slow	Pump Pres	sures
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	JV	Pb	А	V	Speed	SPM	Pump #1	Pump #2	Pump #3
			gps	1.5						DC	DP	1/4				
1	9	x 6	3.15									1/2				
2	9	x 6	3.15	_				I				3/4				

ВНА

Length:	577	Description:	bit (1'), BS (3.23'), 12 - 6" DCs(335.88'), jars (30.68'), 6 - 6" DCs (179.87')
	-		

MUD DATA

	wr.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	, pH	Pm	Pt/Mt
PIT	8.8	36	11	13.0	12/26	9.0		2	3.5			0.25	11.8	8	0.2	.001/1.3
	1	<u> </u>	<u> </u>	L	<u> </u>		<u> </u>	<u></u>	L		L			L		<u> </u>
	Chlorides		Ca++		Smpl Temp	F.L. Temp	Shaker Screens		Но	urs M	lud Engine	er		N	lud Compa	any
PIT	11	1000	2	80			#1	#2	Desand	Cent.						
	2 %	6 KCL					145	145		24] ,	Jon Lyman	<u> </u>	l	M-I	
							#3	#4	Desilt	Mud Cl	Daily	Cost		Cı	umulative (
								0.55			60	250			E/12 220	

DIRECTIONAL SURVEYS

DIVECTIONAL 20	KAEIS				·		
MD	TVD	ANGLE	Direction	Coordinates	VS	DL	CLOSURE
6240		2.75°					
	1					Ī	

OPERATIONS SUMMARY

ŢII			Time	Boats:	Supply Boat N		_	Status:		
FROM	TO	HOUR	Code		Crew Boat N	lame:		Status:		
0600	1130	5.5	5	Drill 6250' to 62	99'			Time Su		
1130	1230	1.0	20	Survey 6240' 2	75 deg		<u>. </u>	Activity	Daily_	Cum.
1230	1630	4.0	5	Drill 6299' to 63	30'			1. Mob/DeMob		8
1630	1700	0.5	3	Mix and pump p	ill			2. Cement		2.5
1700	2130	4.5	21	тоон				3. Circulate	0.5	28
2130	2200	0.5	17	Service rig. Fur	ction BOPs			4. Directional Work		
2200	0300	5.0	21	PU bit #7. TIH				5. Drilling	12.5	223.5
0300	0600	3.0	5	Drill 6330' to 63	58'			6. Drive Pipe		
								7. Fishing		
					:			8. OH Logging		
								9. Lost Circ.		
								10. Drill Cmt./LOT		2
								11. N.U./ N.D.		9
								12. P.U./L.D. BHA		4
			<u> </u>	Mancos Shale	Surface	Dakota Silt 2466'		13. P.U./L.D. Pipe		
			<u> </u>	Dakota Sandsto	ne 2500'	Cedar Mountain 2656'		14. R/U; R/D		30
				Bushy Basin 2		Salt Wash 3067'		15. Rig Repair		
			<u> </u>	Moab Tongue 3		Entrada (Earthy Member) 34	64'	16. Run Casing		2
			.	Entrada Slick R	ock 3573'	Carmel 3972'		17. Service Rig	0.5	6.5
				Navajo 4120'		Kayenta 4592'		18. Sidetrack Op.		
				Wingate 4806 '		Chinle 5180'		19. Stuck Pipe		24
				Shinarump 558		Moenkopi 5596'		20. Survey	1	9
				Moenkopi Sinba	nd '			21. Trips	9.5	60.5
				·				22. Tst. BOPs		5
:				BKG = 3 - 30 u				23. UR/HO		
				Conn = 0 u				24. W.O.W.		
				Trip = 182 u				25. Wash & Ream		8.5
				Max Form. Gas	= 0 u			26. Well Control		ļ
				One new show			,	27. WOC		6
				12- 6008' - 6018	3 (10') Visible moder	rate to dark brown, yellow flour		28. Other	<u> </u>	34.5
	l							Total	24	463
	Hours	24.0	<u>L</u>	· · · · · · · · · · · · · · · · · · ·	<u> </u>		la :	-	2077	
Rig Do	wntime	Daily	Fuel U	Isage '56 Gals	Bulk Material on Boar Cement:	rd SX	Previous Daily Co		2,377 .912	
Cum.	 	Cum.		938 Gals	Barite:	SX	Cum. Co	ost \$634	4,289	

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		t Operation	<u>on</u>	-		Rig Phone:		35-220-099 35-220-099	-	Toolpush	<u>ier</u> Conrad Tenne	.,		
	D	rilling				Rig Fax:	4	35-220-09	99		Johnau Terme	у		
Current Weather	BLM \	∕isit	i i	NPDES		People on Loc.:	15	Last BOP	Test Date	1		RIG ELE	VATIONS	
Wind:	√ Yes	No	LC50	Sample	Date	Operator	1		1/11/2004	4	RKB		15	ft
Seas:	Problem?	Yes				Contractor	11	Next BOP	Test Date	•	Water Depth			ft
Sky:		✓ No	Pass?	Yes	☐ No	Service	3		12//11/04		RKB-CHF			ft
CASING RECORD														
Casing Str	ing	OD	Wt.	Grade	Conn.	Jts. Run	Setting	g Depth	Line	r Top	MW when		LOT	
-	•	l'	İ	l		_	MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?
Conductor		16"	<u> </u>	LP		1	37'	37'			Air			
						40	F0.41	50.41		T	Ain		1	i

Spud Date Nov 10, 2004 Report Date Nov 27, 2004

BIT, WEI	GHT, SPE	ED AND I	IYDRAUL	ICS REC	ORD					L						
BIT	,	Bit Typ							Total				Avg		Grade	
No	Size	Manuf		Serial N	lumber	ل ا	ets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
7	8 3/4	HTC C	TS 28	50636	83	16,	16,16	6,330'	287'	26 1/2	30/35	70/85	10.8			
Bit Re	marks:					o Comen	Cum. F	I ROT, Hrs	PU	Wt	ŝo	Ŵt	ROT		Tor	que
						- 1	20	06.5	14	10	1:	32	12	22		
Pump			T					Γ'							Pump Pres	
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	JV	Pb	A۱	/	Speed	SPM	Pump #1	Pump #2	Pump #3
110.	1	, A Line	gps							DC	DP	1/4				
1	9	x 6	3.15	120	378		250	198		196	138	1/2	61	320		
	· · · · · · · · · · · · · · · · · · ·	<u> </u>	3 15					1				3/4	120	1250		

	BHA				
1	Length:	577	Description:	bit (1'), BS (3.23'), 12 - 6" DCs(335.88'), jars (30.68'), 6 - 6" DCs (179.87')	
	 				

	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	pН	Pm	Pf/Mf
PIT	9.1	47	14	30.0	13/30	8.8	2.0	2	5.5			0.25	13.5	8	0.2	.001/1.3
								<u> </u>	<u> </u>					<u> </u>	<u></u>	<u> </u>
				,					· · · · · · · · · · · · · · · · · · ·					Г		
	Chi	orides	Ca	3++	Smpl Temp	F.L. Temp	Shaker	Screens	Но	urs M	lud Engine	er		N	lud Compa	any
PIT	12	2000	3	00		111	#1	#2	Desand	Cent.						
	2.2	% KCL					145	145		24		Jon Lymar	1		M-I	
							#3	#4	Desilt	Mud CI	Daily	Cost		C	umulative (-
							175	256	· -	24	\$2	AEA .			\$45,770	

DIRECTIONAL SUF							
MD	TVD	ANGLE	Direction	Coordinates	VS	DL	CLOSURE
1						 	
1		L	1		1		

OPERAT	IONS SUR	MARY									
	ME		Time	Boats:	Supply Boat				Status:		
FROM	TO	HOUR	Code	ļ	Crew Boat	Name:			Status:		
0600	0130	19.5	5	Drill 6358' to 65					Time Su		
0130	0200	0.5	17	<u> </u>	ction test BOPs				Activity	Daily	Cum.
0200	0600	4.0	5	Drill 6571' to 66	17'				1. Mob/DeMob		8
			<u> </u>						2. Cement		2.5
									3. Circulate		28
				BLM visit, Jack	Johnson, inspecte	d operations. No pr	oblems.		4. Directional Work		
									5. Drilling	23.5	247
									6. Drive Pipe		
									7. Fishing		
									8. OH Logging		
									9. Lost Circ.		
									10. Drill Cmt./LOT		2
									11. N.U./ N.D.		9
									12. P.U./L.D. BHA		4
				Mancos Shale	Surface	Dakota Silt 24	66'		13. P.U./L.D. Pipe		
				Dakota Sandsto	ne 2500'	Cedar Mountai	n 2656'		14. R/U; R/D		30
				Bushy Basin 2	778'	Salt Wash 306	57'		15. Rig Repair		
	1			Moab Tongue	3420'	Entrada (Earth	y Member) 3464	t,	16. Run Casing		2
				Entrada Slick R	ock 3573'	Carmel 3972'			17. Service Rig	0.5	7
		l		Navajo 4120'		Kayenta 4592	1		18. Sidetrack Op.		
			1	Wingate 4806 '		Chinle 5180'			19. Stuck Pipe		24
				Shinarump 558		Moenkopi 55	96'		20. Survey		9
				Moenkopi Sinba					21. Trips		60.5
									22. Tst. BOPs		5
	ļ			BKG = 3 - 30 u					23. UR/HO		
	†		1				•		24. W.O.W.		
<u> </u>	 		1	Trip = 0 u	·····				25, Wash & Ream		8.5
	-		1	Max Form. Gas	= 0 u				26. Well Control		
		 	1	One new show					27. WOC		6
<u> </u>		 			20' (10') before 5 i	u, during 28 u , after	28u		28. Other		34.5
	 		1	1	,,				Total	24	487
Total	Hours	24.0	1	<u> </u>							
Rig Do	owntime		Fuel (Jsage	Bulk Material on Bo	pard		Previous		4,289	
Daily		Daily		340 Gals	Cement:	sx		Daily Cos		,405	
Cum.		Cum.	14	1778 Gals	Barite:	SX		Cum. Co	st \$65	3,694	

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MSC Exploration Daily Drilling Report

	Servi	ices		Duily Dilli	9	10p	<i>-</i>		
	Bloc	k. Lease and Well N	<u>vo.</u>	Contract Rig	DOL	DFS	Date on Location	<u>Spud Date</u>	Report Date
E	. Crested	Junction - Federal M	ASC #26-1	Union #7	25	18	11/3/2004	Nov 10, 2004	Nov 28, 2004
MD	TVD	Footage	AFE No.	AFE Amount	Auth. TD.		Company Repre	esentative	
6,825	6,825	208		\$958,000		8,700	1	Carl Hulslander	
		Present Operati	ion	Rig Phone:	43	5-220-099	99 <u>Toolpus</u>	sher	
l		Drilling		Rig Fax:	43	5-220-09	99	Conrad Tenney	

Current Weather	BLM Visit	NPDES	People on Loc.:	15	Last BOP Test Date	RIG E	LEVATIONS
Wind:	Yes / No		Operator	1	11/11/2004	RKB	15 ft
Seas:	Problem? Yes		Contractor	11	Next BOP Test Date	Water Depth	ft
Sky:	☐ No	Pass? Yes No	Service	3	12//11/04	RKB-CHF	ft

Wind:	Yes / No LC50 Sample Date	Operator	1	11/11/2004	RKB	15 ft
Seas:	Problem? Yes	Contractor	11		Water Depth	ft
Sky:	☐ No Pass? ☐ Yes ☐ No	Service	3	12//11/04	RKB-CHF	ft
CASING RECORD						

Casing String	QD	Wt.	Grade	Conn.	Jts. Run	Setting	Depth	Liner	Тор	MW when		LOT	_
			1			MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?
Conductor	16"		LP		1	37'	37'			Air			
Surface	9 5/8"	32.3	H40	STC	12	534'	534'			Air			ļ
						ļ		<u> </u>					ļ
				1 1		<u> </u>		ļ					
						_			ļ	<u> </u>			
			ļ			<u> </u>		-	L	 			

BIT, WE	GHT, SPE	ED AND I	HYDRAUL	ICS REC	ORD											
BIT	T I	Bit Tv	oe and						Total				Avg		Grade	
No	Size		acturer	Serial I	lumber	ل مود ما	ets	Depth In	Footage	Hrs	WOB_	Rpm	ROP	Tooth	Bearing	Gage
7	8 3/4	HTC C	ST\$ 28	50636	83	16,	16,16	6,330'	495'	49 1/2	30/35	70/85	10.0			
	1													i		
Bit Re	marks:				-		Cum.	ROT. Hrs	PU	Wt	SO	Wt	RO1	r Wt	Tor	que
<u> Dit i tu</u>	THO INO.						-	270	12	48	1:	38	12	28		
Pump	T		1			T				·					Pump Pres	
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	JV	Pb	A۱	V	Speed	SPM	Pump #1	Pump #2	Pump #3
	June	7 (2	gps							DC	DP	1/4				
1	9	x 6	3.15	120	378	1	230	198		196	138	1/2	63	357		
2	9	v 6	3 15									3/4	1			

BHA			
Length:	577	Description:	bit (1'), BS (3.23'), 12 - 6" DCs(335.88'), jars (30.68'), 6 - 6" DCs (179.87')
1			

MUD D		100	PV	ΥP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	ρН	Pm	Pf/Mf
DIT.		VIS 46		30.0	16/30	9.0	HINE	2	5.5	LGG /6	OIL 70	0.25	12.4		0.2	.001/1.4
PIT	9.1	40	13	30.0	10/30	9.0			U. U							
			T		Smpl	F.L.			1							
	Chi	orides	Ca++		Temp Temp		Shaker	Screens	Но	urs M	lud Engine	er			/lud Compa	iny
PIT	1;	2000	3	00		115	#1	#2	Desand	Cent.						
	2.2	% KCL				T	145	145		24	Jon Lyman		1	M-1		
							#3	#4	Desilt	Mud CI	Daily	Cost		Cı	umulative (
l							145	255		24	\$4.	176			\$49,946	

DIRECTIONAL SU	RVEYS						
MD	TVD	ANGLE	Direction	Coordinates	VS	DL	CLOSURE
6653	6653	3.25°					

OPERAT	IONS SU	MMARY								
TIN			Time	Boats:	Supply Boat Na		<u>_</u>	Status:		
FROM	то	HOUR	Code		Crew Boat Na	me:		Status:		
0600	1400	8.0	5	Drill 6617' to 669				Time Su		_
1400	1430	0.5	20	Survey 6653' - 3	.25 deg			Activity	Daily	Cum.
1430	1500	0.5	17	Service rig. Fur	oction BOPs			1. Mob/DeMob		8
1500	0600	15.0	5	Drill 6695- to 68	25'			2. Cement		2.5
								3. Circulate		28
								4. Directional Work		
								5. Drilling	23	270
								6. Drive Pipe		
								7. Fishing		
								8. OH Logging		
								9. Lost Circ.		
								10. Drill Cmt./LOT		2
								11, N,U./ N.D.		9
								12. P.U./L.D. BHA		4
<u> </u>				Mancos Shale	Surface	Dakota Silt 2466'		13. P.U./L.D. Pipe		
				Dakota Sandsto		Cedar Mountain 2656'		14. R/U; R/D		30
				Bushy Basin 2	778'	Salt Wash 3067'		15. Rig Repair		
				Moab Tongue		Entrada (Earthy Member)	3464'	16. Run Casing		2
			1	Entrada Slick R	.,	Carmel 3972'		17. Service Rig	0.5	7.5
		—		Navajo 4120'		Kayenta 4592'		18. Sidetrack Op.		
 		†		Wingate 4806 '		Chinle 5180'		19. Stuck Pipe		24
<u> </u>	 	 		Shinarump 558	 15'	Moenkopi 5596'		20. Survey	0.5	9.5
			i	Olimai dilip dod	<u> </u>			21. Trips		60.5
 		 	 	1				22. Tst. BOPs		5
<u> </u>	 	·	 	BKG = 3 - 30 u		·		23. UR/HO		
	-		 	Conn = 0 u				24. W.O.W.		
— —	 	ļ	 	Trip = 0 u			<u></u>	25. Wash & Ream		8.5
 	 	 	 	Max Form. Gas	= 0 u			26. Well Control		
	 	 -	1	One new show	· • • • • • • • • • • • • • • • • • • •		•••	27. WOC		6
H	 	 	 		0' (50') yellow cut.		· · · · · · · · · · · · · · · · · · ·	28. Other	1	34.5
1	 	 	 	1	o (oo / Johon out.			Total	24	511
Total	Hours	24.0	 	<u> </u>						
L	wntime	1	Fuel l	Jsage	Bulk Material on Board		Previous	Cost \$65	3,694	
Daily		Daily	9	924 Gals	Cement:	SX	Daily Co		,874	
Cum.		Cum.	15	702 Gals	Barite:	SX	Cum. Co	ost \$67	4,568	

RECEIVED MAY 2 5 2005

DIV. OF OIL, GAS & MINING



MSC Exploration

Daily Drilling Report

	Servi	ces		Daily Dill	9	YOP.	<u> </u>		
	Bloc	k, Lease and Well N	<u>vo.</u>	Contract Rig	DOL	DFS	Date on Location		Report Date
E	. Crested J	lunction - Federal M	ASC #26-1	Union #7	26	19	11/3/2004	Nov 10, 2004	Nov 29, 2004
MD	TVD	Footage	AFE No.	AFE Amount	Auth. TO.		Company Repr	esentative	
7,075	7,075	250		\$958,000		8,700'		Carl Hulslander	
		Present Operat	ion	Rig Phone:	4:	35-220-09	99 <u>Toolpus</u>	her	
1		Drilling	·	Rig Fax:	4	35-220-09	99	Conrad Tenney	

Current Weather	BLM Visit	NPDES	People on Loc.:	15	Last BOP Test Date	RIG E	LEVATIONS
Wind:	Yes / No	LC50 Sample Date	Operator	1	11/11/2004	RKB	15 ft
Seas:	Problem? Yes		Contractor	11	Next BOP Test Date	Water Depth	ft
Sky:	☐ No	Pass? Yes No	Service	3	12//11/04	RKB-CHF	ft

Wind:	U Yes	4	No	LC5) Sample	<u>Date</u>	Operator	1 1		1/11/2004		KVD		13	11
Seas:	Problem?		Yes				Contractor	11	Next BOP	Test Date		Water Depth			ft
Sky:			No	Pass?	Yes	□No	Service	3		12//11/04		RKB-CHF			ft
CASING REC	ORD														
Casin	g String	0	D	Wt.	Grade	Conn.	Jts. Run	Setting	Depth	Line	Тор	MW when		LOT	
i			- 1			S .		MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?

					MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?
16"		LP		1	37'	37'			Air			
9 5/8"	32.3	H40	STC	12	534'	534'			Air			ļ
			L									
												<u> </u>
		<u> </u>										
						<u> </u>	<u></u>	<u> </u>	<u> </u>	<u>L</u>	<u> </u>	<u></u>
	9 5/8*	9 5/8" 32.3	16" LP	16" LP 9 5/8" 32.3 H40 STC	16" LP 1 9 5/8" 32.3 H40 STC 12	MD 16" LP 1 37' 9 5/8" 32.3 H40 STC 12 534'	MD TVD 16" LP 1 37' 37' 9 5/8" 32.3 H40 STC 12 534' 534'	MD TVD MD 16" LP 1 37' 37' 9 5/8" 32.3 H40 STC 12 534' 534'	MD TVD MD TVD	MD TVD MD TVD Run	MD TVD MD TVD Run Pres	MD TVD MD TVD Run Pres EMW

ŧ			1 1													
BIT, WEI	GHT, SPE	ED AND	IYDRAUL	ICS REC	ORD											
BIT		Bit Tyr	e and			9 9 90 44	A 21 +		Total				Avg		Grade	
No	Size	Manuf		Serial I	Number	J	ets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
7	8 3/4	HTC G	TS 28	50636	83	16,	16,16	6,330'	745'	71 1/2	30/35	80/90	10.4			
Bit Re	marks:						Cum. I	ROT, Hrs	PU	Wt	SC	Wt	RO1	Wt	Tor	que
<u> Gir rec</u>	TITOT ISO.							270	1.	44	1	36	13	33		
Pump	· · · · · ·		1		r			T							Pump Pres	
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	J۷	Pb	A'	V	Speed	SPM	Pump #1	Pump #2	Pump #3
,,,,,	June	, / LIIIO	gps							DC	DP	1/4				
1	9	x 6	3.15	120	378		200	199		198	140	1/2	55	320		
	1 0	v 6	3 15									3/4	l	ł	ļ	

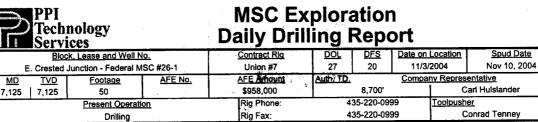
BHA			
Length:	577	Description:	bit (1'), BS (3.23'), 12 - 6" DCs(335.88'), jars (30.68'), 6 - 6" DCs (179.87')
			
l			

	WT.	VIS	PV	ΥP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	pН	Pm	Pf/Mf
PIT	8.9	41	11	24.0	18/34	9.1		2	4			0.25	11.7	11.3	0.2	.001/1.
			<u> </u>		l				<u> </u>			i				
	T		1 -		Smpl	F.L.	Chakas	Screens	Ī	14	ud Faalaa			M	lud Compa	rhv.
	Chi	orides] Ca	3++	Temp	Temp	Snaker	Screens	Hours Mu		lud Engineer			IV	uu Compa	illy
						448		20								
PIT	12	2000	2	80	1	116	#1	#2	Desand	Cent.				l		
PIT	12		2	80		116	#1 145	145	Desand	Cent. 24		Jon Lyman			M-I	
PIT	12	2000 % KCL	2	80		116			Desand		Daily	Cost			M-l imulative C	Cost

MD	TVD	ANGLE	Direction	Coordinates	vs	DL	CLOSURE

	ME		Time	Boats:	Supply Boat N	ame:		Status:		
FROM	ТО	HOUR	Code		Crew Boat N			Status:		
0600	2200	16.0	5	Drill from 6822' 1	o 7005'			Time Su	mmary	
2200	2230	0.5	17	Service rig				Activity	Daily	Cum.
2230	0430	6.0	5	Drill from 7005'	o 7075'		_	1. Mob/DeMob		8
0430	0530	1.0	3	Mix pill. Survey	tool would not functi	on properly.		2. Cement		2.5
0530	0600	0.5	21	Pump pill. TOO				3. Circulate	1	29
				,, <u>p</u>				4. Directional Work		
								5. Drilling	22	292
								6. Drive Pipe		
								7. Fishing		
			ļ ——					8. OH Logging		
								9. Lost Circ.		
			····					10. Drill Cmt./LOT		2
			T					11. N.U./ N.D.		9
								12. P.U./L.D. BHA		4
	1			Mancos Shale	Surface	Dakota Silt 2466'		13. P.U./L.D. Pipe		
			1	Dakota Sandsto	ne 2500'	Cedar Mountain 2656'		14. R/U; R/D		30
			1	Bushy Basin 2	778'	Salt Wash 3067'		15. Rig Repair		
				Moab Tongue 3	3420'	Entrada (Earthy Member)	3464'	16. Run Casing		2
				Entrada Slick R	ock 3573'	Carmel 3972'		17. Service Rig	0.5	8
	7			Navajo 4120'		Kayenta 4592'		18. Sidetrack Op.		
				Wingate 4806		Chinle 5180'		19. Stuck Pipe		24
	T			Shinarump 558	5'	Moenkopi 5596'		20. Survey		9.5
	ļ	<u> </u>		White Rim 6868	1			21. Trips	0.5	61
	1							22. Tst. BOPs		5
				BKG = 10 - 15 t	l			23. UR/HO		
				Conn = 0 u				24. W.O.W.		
		1		Trip = 0.u				25. Wash & Ream		8.5
				Max Form. Gas	= 0 u			26. Well Control		
				One new show				27. WOC		6
				15 - 6866' - 700	0' (134') Yellow cut.	(blue yellow cut 6950' - 6980)')	28. Other	<u> </u>	34.5
						-		Total	24	535
	Hours	24.0	<u> </u>						1.500	
_	owntime	<u> </u>	Fuel		Bulk Material on Boar	 	Previou Doily Co		4,568 ,438	
Daily Cum.	<u> </u>	Daily Cum.		024 Gals 6626 Gals	Cement: Barite:	SX	Daily Com. C		4,006	
Cuiii.	Ц	Cuin.	L 10	NEV Cais	Daring.		100, 0	DEOF		

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		Service Service		- 1			FE Amo	.44	Auth/TD.		Compar	v Repres	entative			
<u>MD</u> 7,125	<u>TVD</u> 7,125	Foota 50	ige	AFE	No.		\$958,000		AUGIZ LUZ.	8,700'	COMPA		ari Hulslande	ar .		
,125	7,125		t Operation	<u> </u>			Rig Phone		4:	35-220-099	9	Toolpush				
			rilling	<u> </u>			Rig Fax:	•.		35-220-099			conrad Tenne	₽V		
			ıııııy				tig i uzi							<u> </u>	****	
Turrent \	Veather	BLM \	/isit	1.61	NPDES	·	People	on Loc.:	15	Last BOP	Test Date			RIG ELEV	ATIONS	
Wind:	7000.707	Yes	√ No	LC50	Sample	Date		rator	1	1	1/11/2004		RKB		15	ft
Seas:		Problem?	Yes					ractor	11	Next BOP	Test Date		Water Depth	1		ft
Sky:		1100.0		Pass?	Yes	No		vice	3		12//11/04		RKB-CHF			ft
	RECORD		TT													
	asing Stri	ng	OD	Wt.	Grade	Conn.	Jts.	Run	Setting	Depth	Liner	Тор	MW when		LOT	
									MD	TVD	MD	TVD	Run	Pres	EMW	Leakof
onducto	r		16"		LP			1	37'	37'			Air	ļ		
urface			9 5/8"	32.3	H40	STC		12	534'	534'			Air	<u> </u>		
												ļ		 		
						L							 			-
				<u> </u>	ļ					,		 				
				ļ <u>.</u>					-		-	 	 		· · · · · · · · · · · · · · · · · · ·	
IT WE	SHT SPE	ED AND H	YDRAUL	ICS RE	CORD					<u>. </u>			1			
BIT	J. 1.1 , OF E	Bit Typ						1 7	Total	,		Γ	Avg		Grade	
No	Size	Manufa		Serial	Number	J	ets	Depth in	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
7	8 3/4	HTC G	TS 28	5063		16,	16,16	6,330	745'	71 1/2			10.4	- 8	5	1/16
8	8 3/4	HTC HR		ZX	11zs	16,	16,16	7,075	50'	7 1/2	35	80/90	6.7			
Bit Re	narks:							ROT. Hrs		Wt		Ŵt	ROT		To	rque
					15.00		2	70	1	44	1:	36	13		Pump Pres	
ump				SPM	GPM	D	ssure	JV	Pb	A	\/	Speed	SPM		Pump #2	
No.	Stroke	X Liner	Output	SPM	GPM	Pie	ssure	3,	"	DC	DP	1/4	1	1		
			gps	400	378	-	60	203		201	140	1/2	55	320		
1		x 6	3.15 3.15	120	3/6		100	200	' 	201	140	3/4	 			
2 BHA	9	X O	3.10		ـــــ	!				<u> </u>			<u> </u>			
Length:	577	Descri	ntion:	hit (1')	BS (3.23"). 12 - 6"	DCs(335	.88'). iars	30.68'), 6	- 6" DCs (1	179.87')					
Length.		50301	<u> </u>		(0.10)	,,		,,, <u>,</u>								
IUD DA	TA															
	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	рН	Pm	Pf/Mf
PIΤ	9.1	40	9	23.0	17/22	8.6		2	5.5	<u> </u>	I	0.25	12.3	8.4	0.2	.01/1.4
<u></u>		<u> </u>			†											<u> </u>
		1		<u> </u>												
			1		Smpl	F.L.					_					
		lorides		a++	Temp	Temp		r Screens			lud Engine	er		<u> </u>	Aud Compa	ny
דוי		2000	3	00	ļ	116		#2	Desand		ļ			1	M-I	
	2.2	% KCL	l				145	145	D	24	Doile	Jon Lyma Cost	an T		umulative (cost
							#3	#4 255	Desilt	Mud Cl		,797	<u> </u>	 	\$54,483	7001
UDEAT	ONAL CI	IDVEVE					145	255			۱۳	,101			401,100	
	ONAL SU	T	/D	I AI	IĞLE	Dir	ection	I Coo	dinates	1 V	/S	DL	T	CLO	SURE	
	51	70	THE RESERVE		.25 °	1		1	T	 					<u> </u>	
- /	/51	1 10	<u> </u>	+ - *		1		-	1	—		1				
PERAT	IONS SU	MMARY				 				<u> </u>	<u> </u>					
	ME	1	Time	Boats:			Supply E	Boat Name	:				Status:			
FROM	TO	HOUR	Code					Boat Name					Status:			
0600	1200	6.0	21	тоон		-	***************************************							Time S	ummary	
4000		0.0	1 45		1A/a		_''						۸۵۱	tivity		Cum.

OPERATI		IMARY		·		·			01-1		
TIN				Boats:		oat Name:			Status:		
FROM	TO	HOUR	Code		Crew Bo	oat Name:					
0600	1200	6.0	21	тоон					Time Su	•	C
1200	1400	2.0	15	Thaw lines. Wor	k on boiler				Activity	Daily	Cum.
1400	1430	0.5	17	Service rig					1. Mob/DeMob		8
1430	2130	7.0	21	TIH. No fill					2. Cement		2.5
2130	0130	4.0	5	Drill 7075' to 70	99'				3. Circulate		29
0130	0230	1.0	20	Survey 7051' - 3	3.25 deg				4. Directional Work		
0230	0600	3.5	5	Drill 7099' to 71:	25'		·		5. Drilling	7.5	299.5
									6. Drive Pipe		
									7. Fishing		
			1						8. OH Logging		
									9. Lost Circ.		
									10. Drill Cmt./LOT		2
									11. N.U./ N.D.		9
									12. P.U./L.D. BHA		4
				Mancos Shale	Surface	Dakota Silt	2466'		13. P.U./L.D. Pipe		
				Dakota Sandsto	ne 2500'	Cedar Mour	tain 2656'		14. R/U; R/D		30
				Bushy Basin 2		Salt Wash	3067'		15. Rig Repair	2	2
				Moab Tongue 3	3420'	Entrada (Ea	rthy Member) 3464	1 '	16. Run Casing		2
				Entrada Slick R	ock 3573'	Carmel 397	2'		17. Service Rig	0.5	8.5
				Navajo 4120'		Kayenta 45	92'		18. Sidetrack Op.		
				Wingate 4806		Chinle 518	0,		19. Stuck Pipe		24
			.	Shinarump 558	5'	Moenkopi	5596'		20. Survey	1	10.5
				White Rim 6868	3'				21. Trips	13	74
				,					22. Tst. BOPs		5
				BKG = 4 -10 u		:			23. UR/HO		
	†			Conn = 0 u					24. W.O.W.		
				Trip = 200 u					25. Wash & Ream		8.5
l	t			Max Form. Gas	= 0 u				26. Well Control		
	 	 	—	No new shows		······································			27. WOC		6
		 	t	1					28. Other		34.5
	<u> </u>	 		 					Total	24	559
Total	Hours	24.0	 	. <u>.</u>							
Rig Do	wntime			Jsage	Bulk Material on	Board		Previous		4,006	
Daily		Daily		756 Gals	Cement:		sx	Daily Cos		,769 3,775	
Cum.		Cum.	1 17	7382 Gals	Barite:		SX	Cum. Co	St \$/2.	·	

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Report Date Nov 30, 2004



MSC Exploration Daily Drilling Report

Services	-a	g	<u> </u>		
Block, Lease and Well No.	Contract Rig	DOL DFS	Date on Location	Spud Date	Report Date
E. Crested Junction - Federal MSC #26-1	Union #7	28 21	11/3/2004	Nov 10, 2004	Dec 1, 2004
MD TVD Footage AFE No.	AFE Amount	Auth. TD.	Company Repres	entative	
7,206 7,206 81	\$958,000	8,700'	C	arl Hulslander	
Present Operation	Rig Phone:	435-220-09	99 Toolpush	er	
Fishing	Rig Fax:	435-220-09	99 C	onrad Tenney	

	7,200	Presen	t Operation	nn			Rig Phon	B.	4:	35-220-099	9	Toolpush	er			
			ishing	<u> </u>			Rig Fax:	·.		35-220-099			Conrad Tenne	ву		
Current	Weather	BLM'	/ieit	-	NPDES		People	on Loc.:	16	Last BOP	Test Date		T	RIG ELEV	ATIONS	
Wind:	*VOALITOI	Yes	I No		Sample	Date I		rator	1		1/11/2004		RKB			ft
		Problem?)		Janipie	Date		ractor		Next BOP			Water Dept	h		ft
Seas:		Problem?			Yes	I No		vice	4		12//11/04		RKB-CHF			ft
Sky:	RECORD	<u> </u>	□ NU	rassr	1 1 93	I IND	36	VICE	7		12/11/104		IND-OH			
			OD	Wt.	Grade	Conn.	Ito	Run	Setting	Donth	Liner	- Ton	MW when	T	LOT	
,	Casing Str	ing	00	VVI.	Grade	Conn.	JIS.	Kuii	MD	TVD	MD	TVD	Run	Pres		Leakof
onducto	or	***************************************	16"		LP			1	37'	37'			Air			
urface			9 5/8"	32.3	H40	STC		12	534'	534'			Air			
IT WE	ICHT SP	ED AND H	VDRAUI	ICS RE	CORD			-				<u> </u>	L	<u> </u>		
BIT	, 3F1	Bit Typ		1				٠.	Total	1		Ī	Avg		Grade	
No	Size	Manufa		Serial	Number	J	ets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
8	8 3/4	HTC HF			1zs		16,16	7.075	131'	16 1/2	35	80/90	7.9			
	1 0 0/7		U 40D		7120		10,10	1,010								
Bit Re	marks:	L		1			Cum, F	ROT. Hrs	PU	Wt	SO	Wt	RO	ΓWt	Tor	que
<u> </u>	ATTOCK TO							07	14	14	1:	36	13	33		
ump									Pb	Α'	,	Speed	SPM	Slow Pump #1	Pump Pres	sures
No.	Strok	e X Liner	Output	SPM	GPM	Pre	ssure	JV	PB	DC	DP DP	1/4	SFM	Fump#1	Fullip #2	rumpi
1	1 6	x 6	3.15	120	378		50	203		201	140	1/2	55	320		
				120	0,0	 										
				l .		i		1	Į.			3/4		Į.		l
2		x 6	3.15	<u> </u>	<u> </u>	<u> </u>		l				3/4	<u></u>		L	<u></u>
2 HA	9	× 6	3.15	bit (1'), i	BS (3.23')	, 12 - 6"	DCs(335	.88'), jars (30.68'), 6	6" DCs (1	79.87')	3/4		L	-	l
2 HA	9		3.15	bit (1'), i	3S (3.23')	, 12 - 6"	DCs(335	l .88'), jars (30.68'), 6	- 6" DCs (1	79.87')	3/4				
2 HA ength:	577	× 6	3.15	bit (1'), i	3S (3.23')	, 12 - 6"										
2 HA ength:	577	Descri	3.15	YP	GELS	WL	DCs(335	CAKE	SLDS %		79.87') OIL %	SD %	MBT	рН	Pm	
2 HA ength:	577 TA	x 6 Descri	3.15 ption:										MBT 12.6	pH 8.3	Pm 0.2	Pf/Mf
2 BHA Length:	577 STA WT.	Descri	3.15	YP	GELS 11/22	WL 9.0		CAKE	SLDS %			SD %				
2 BHA Length:	577 TA WT. 9.1	Descri	3.15 ption: PV 12	YP 15.0	GELS 11/22 Smpl	9.0	нтнр	CAKE 2	SLDS % 5.5	LGS %	OIL %	SD % 0.25		8.3	0.2	.01/1.
2 HA ength:	577 TA WT. 9.1	Descri VIS 35	3.15 ption: PV 12	YP 15.0	GELS 11/22	WL 9.0 F.L. Temp	HTHP Shaker	CAKE 2	SLDS % 5.5	LGS %		SD % 0.25		8.3		.01/1.
2 HA ength:	577 XTA WT. 9.1 Ch	Descri	3.15 ption: PV 12	YP 15.0	GELS 11/22 Smpl	9.0	HTHP Shaker	CAKE 2 Screens #2	SLDS % 5.5	LGS %	OIL %	SD % 0.25	12.6	8.3	0.2 lud Compa	.01/1.
2 HA ength:	577 XTA WT. 9.1 Ch	Descri VIS 35	3.15 ption: PV 12	YP 15.0	GELS 11/22 Smpl	WL 9.0 F.L. Temp	Shaker	CAKE 2 Screens #2 145	SLDS % 5.5 Ho Desand	LGS % urs M Cent. 24	OIL %	SD % 0.25	12.6	8.3	0.2 lud Compa	.01/1.
2 HA ength:	577 XTA WT. 9.1 Ch	Descri	3.15 ption: PV 12	YP 15.0	GELS 11/22 Smpl	WL 9.0 F.L. Temp	HTHP Shaker #1 145 #3	CAKE 2	SLDS % 5.5	LGS % urs M Cent. 24 Mud Cl	OIL % ud Engine	SD % 0.25	12.6	8.3	0.2 fud Compa M-I umulative C	.01/1.
2 HA ength:	577 TTA WT. 9.1 Ch 1 29	Descri VIS 35 lorides 1000 6 KCL	3.15 ption: PV 12	YP 15.0	GELS 11/22 Smpl	WL 9.0 F.L. Temp	Shaker	CAKE 2 Screens #2 145	SLDS % 5.5 Ho Desand	LGS % urs M Cent. 24	OIL % ud Engine	SD % 0.25	12.6	8.3	0.2 lud Compa	.01/1.
2 BHA Length: MUD DA	577 XTA WT. 9.1 Ch	Descri VIS 35 lorides 1000 6 KCL	3.15 ption:	15.0 a++	GELS 11/22 Smpl	WL 9.0 F.L. Temp	HTHP Shaker #1 145 #3	CAKE 2	SLDS % 5.5 Ho Desand	LGS % urs M Cent. 24 Mud Cl	OIL % ud Engine Dail) \$2	SD % 0.25	12.6	8.3 N	0.2 fud Compa M-I umulative C	.01/1.

	IONS SU	MMARY								
	ME		Time	Boats:	Supply Bo			Status:	<u> </u>	
FROM	TO	HOUR	Code			oat Name:		Status:		
0600	1500	9.0	5			. Lost 25K string weight. Wt loss indica	tes	Time Su		
				separation in tor	p 1/3 of BHA			Activity	Daily	Cum.
1500	1600	1.0	3	Circulate hole				1. Mob/DeMob		88
1600	2100	5.0	7	TOOH. Entire B	HA left in hole. I	Drill pipe washed out and parted 29' ab		2. Cement		2.5
				top DC		, , , , , , , , , , , , , , , , , , ,		3. Circulate	1	30
2100	0100	4.0	7	WO fishing tools	S			4. Directional Work		
0100	0230	1.5	7	Strap and PU fis	shing tools. PU	grapple		5. Drilling	9	308.5
0230	0600	3.5	7	TIH with grapple	9			6. Drive Pipe		
								7. Fishing	14	14
				BLM Activity				8. OH Logging		
				Rich McClure ve	ery please with re	ehab on Cactus Rose access		9. Lost Circ.		
				Jack Johnson th	reatened to shu	t down drilling if permit is not been		10. Drill Cmt./LOT		2
				approved				11. N.U./ N.D.		9
								12. P.U./L.D. BHA		4
				Mancos Shale	Surface	Dakota Silt 2466'		13. P.U./L.D. Pipe		
				Dakota Sandsto	ne 2500'	Cedar Mountain 2656'		14. R/U; R/D		30
				Bushy Basin 2	778'	Salt Wash 3067'		15. Rig Repair		2
				Moab Tongue 3	3420'	Entrada (Earthy Member) 3464'		16. Run Casing		2
				Entrada Slick Ro		Carmel 3972'		17. Service Rig		8.5
			1	Navajo 4120'	A	Kayenta 4592'		18. Sidetrack Op.		
		ļ		Wingate 4806 '		Chinle 5180'		19. Stuck Pipe		24
			-	Shinarump 558	5'	Moenkopi 5596'		20. Survey		10.5
			-	White Rim 6868				21. Trips		74
								22. Tst. BOPs		5
	1			BKG = 8 - 26 u				23. UR/HO		
				Conn = 0 u				24. W.O.W.		
			<u> </u>	Trip = 0 u	,			25. Wash & Ream		8.5
	†			Max Form. Gas	= 0 u			26. Well Control		
				One new shows	3			27. WOC		6
				16- 7040' to 707	70' (30') Bright ye	ellow flash, visible brown oil		28. Other		34.5
				1				Total	24	583
Total	Hours	24.0								
	wntime		Fuel L		Bulk Material on I		Previous		3,775	
Daily		Daily		66 Gals	Cement:		Daily Cos		,945 7,720	
Cum.	1	Cum.	18	3348 Gals	Barite:	SX	Cum. Cos	st \$/4:	1,120	

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The I to built I william

MSC EXPLORATATION L.P.

A Commence of the second

CONFIDENTIAL

MSC FED 26-1

DATE: 12/02/04

REPORT #: 22 DAY#: 23

PRESENT OPERATION: T.I.H.

6:00 AM DEPTH: 7,206' MADE 0' / 0 HRS DRLG AVG RATE: 0

6,868'

LITHOLOGY @ 7,200' SAND STONE 65 % Ss 30 % OTHER 5 %

MANCOS SHALE **SURFACE** FORMATION: DAKOTA SILT 2,366' DAKOTA SANDSTONE 2,500' CEDAR MOUNTAIN 2.656' BRUSHY BASIN 2,778 SALT WASH 3,046 MOAB TONGUE 3,420' ENTRADA (EARTHY MEM.3,464' ENTRADA SLICK ROCK 3,573' CARMEL 3,972 NAVAJO 4,120' 4,592' KAYENTA 4,806' WINGATE 5,180' CHINLE SHINARUMP 5,585 5,590' MOENKOPI MOENKOPI (SINBAD) 6,552

GAS: BKG: 0 U

CONN: 0 U TRIP: 0 U

MAX FORMATION GAS: 0 U

WHITE RIM

DRILLING PARAMETERS: WOB: 0, RPM: 0, PSI: 0, SPM: 0 # 2 PUMP

MUD PROPERTIES: WT: 8.9 VIS: 34

BIT DATA

BIT # 6 8 3/4 HTC 6FS28

SHOW INFORMATION:

NO.	INTERVAL	DRI	LL RA	ГЕ	GAS U	JNITS		MUD WT
#	TO (NET)	В	D	Α	В	D	Α	IN / OUT
13	6,410' - 6,420' 10'	6.6	2.7	6.1	5	28	28	8.8 / 8.9
14	6,510' - 6,560' 50'	6.2	4.2	5.3	YEL CUT			9.1 / 9.1
15	6,866' - 7,000' 134'	7.1	3.0	3.5	YEL CUT	(BL Y	EL CUT)	9.1 / 9.1
16	7 040' - 7 070' 30'	3.4	3.6	10.4	BR YEL FI	LASH,	VIS BR	OIL 9.1 / 9.1

COMMENTS: 0 NEW SHOW. RECOVERED FISH, INSPECTING COLLARS.

RECEIVED

	PPI Techi Servi	nology ces	,			l Da	MSC aily I	Exp Drill	olora ing l	atior Repo	ort		UUII 	riut	¥ ii	
		k. Lease ar		_		4 11 11	Contract F		DOL	<u>DF\$</u>	Date on		Spud			t Date
E. · MD 7,206	<u>TVD</u> 7,206	Junction - F			1 . No.		Union #7 AFE Amou \$958,000	<u>unt</u>	29 Auth. TD.	22 8,700'	11/3/2 Compar	ny Repres	Nov 10 entative Carl Hulslande		Dec 2	, 2004
7,200	7,200		t Operation	_			Rig Phon Rig Fax:			35-220-099 35-220-099		Toolpush				
Current V	Veather	BLM \	√isit		NPDES		People	on Loc.:	17	Last BOP	Test Date		ι	RIG ELEV	/ATIONS	
Wind:		✓ Yes	∐ No	LC50	Sample	Date		rator	1		11/11/2004	,	RKB		15	ft
Seas:		Problem?	Yes			n i		ractor	11	Next BOP	Test Date		Water Depti	1		ft
Sky: ASING R	ECORD		✓ No	Pass?	Yes	∐ No	Ser	vice	5	<u> </u>	12//11/04	-	RKB-CHF			π
	asing Stri	ng	OD	Wt.	Grade	Conn.	Jts.	Run	Setting MD	Depth TVD	Liner MD	Top TVD	MW when Run	Pres	LOT EMW	Leako
onductor			16"		LP	270		1	37'	37'			Air			
urface	-		9 5/8"	32.3	H40	STC	1	12	534'	534'			Air			
IT WELL	UT ON	ED AND H	ADBYIII	ICS DEC	COPD						L	L	L		<u> </u>	
BIT	,nı, 3PE	Bit Typ		IOS REL	-UND				Total		I		Avg		Grade	
No	Size	Manufa	cturer		Number		lets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing 3	Gage
8	8 3/4	HTC HR	S 40D	ZX	11zs	16,	16,16	7,075'	131'	16 1/2	35	80/90	7.9	6	3	
Bit Rem	narks:				1 - 10			ROT. Hrs		Wt		Wt	ROT		Tor	rque
ump			Τ			1	3	07	1	1	1;	36	13		Pump Pres	sures
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	- JV	Pb		V	Speed	SPM	Pump #1	Pump #2	Pump
			gps 2.45	100	378		950	203	<u> </u>	DC 201	DP 140	1/4				
2		x 6	3.15	120	3/0		930	203		201	1-1-0-	3/4	<u> </u>	<u> </u>		<u> </u>
!T	WT. 8.9	VIS 37	PV 37	YP 0.8	GELS 2	WL 9.0	HTHP	CAKE 2	SLDS %	LGS %	OIL %	SD %	MBT 12.8	рН 8.3	Pm 0.2	.01/1
	Chi	orides		3++	Smpl Temp	F.L. Temp	Shaker	Screens	н	ours N	/lud Engine	er			/lud Compa	inv
ग		500		00			#1	#2	Desand							
	2%	KCL			<u> </u>		145	245	Doeilt	24 Mud Cl		Jon Lyma y Cost	an	-	M-I umulative C	Cost
							#3 245	#4 355	Desilt	24		,884	i i		\$60,235	
DIRECTION	DNAL SU	RVEYS	/D	T AN	IGLE	Dir	rection	Coor	dinates	1 ,	/S	DL	Τ	CLO:	SURE	
PERAT	IONS SII	MMARY		<u> </u>		ــــــــــــــــــــــــــــــــــــــ			<u> </u>	<u> </u>	1	<u> </u>	J			
TIA			Time	Boats:				oat Name:				_	Status:			
FROM	TO	HOUR	Code					loat Name:					Status:	Ti C	ımmaz:	
0600 0900	0900 1500	3.0 6.0	7		th grapp with fish		hed onto	risn					Act	Time Si ivity	ummary Daily	Cum
1500	1700	2.0	7		ning tools		sh						1. Mob/De		1 2,	8
1700	1900	2.0	7	_	with BH								2. Cemen			2.5
1900	0200	7.0	21	TIH ins	specting	BHA. I		s. Cracke	ed boxes.	Jars crac	ked pin		3. Circulat			30
0200	0400	2.0	17			nge oil i	n floor m	otor					4. Directio	nal Work	 	1000
0400	0600	2.0	28	WO D	Cs.								5. Drilling	ine	+	308.
		 	1	 									6. Drive P 7. Fishing		13	27
			1-	t						•			8. OH Log		1 ,,,	 '
			1										9. Lost Ci			
		<u> </u>	t	DC da	mage ca	used b	y 4' drop	when drill	pipe par	ed			10. Drill C			2
				1			during da						11. N.U./			9
	ļ	 	 	 	- 6: :	6			alesta O''	24001			12. P.U./L		 	4
	<u> </u>	 	╂		s Shale				akota Sili	2466' ntain 26	56'		13. P.U./L 14. R/U; F		 	30
			1		a Sandsi Basin)UU		edar Mou alt Wash		JU		15. Rig R		1	2
			1		Tongue					arthy Mer	nber) 346	4'	16. Run C		1	2
	 -	 	+		Ongue								47 Cand		1 2	10

Carmel 3972'

Kayenta 4592'

Chinle 5180'

Moenkopi 5596'

sx

Entrada Slick Rock 3573'

Navajo 4120'

Wingate 4806 '

Shinarump 5585'

White Rim 6868'

Max Form. Gas = 0 u

Bulk Material on Board

Cement: Barite:

BKG = 0 u

Conn = 0 u

Trip = 0 u

Fuel Usage

24.0

Total Hours

Rig Downtime

No new shows

RECEIVED

\$747,720 \$36,830 \$784,550

10.5

24

10.5

81

5

8.5

6

36.5

17. Service Rig

19. Stuck Pipe

22. Tst. BOPs

20. Survey

23. UR/HO

24. W.O.W.

28. Other Total

Previous Cost

Daily Cost Cum. Cost

25. Wash & Ream

26. Well Control 27. WOC

21. Trips

18. Sidetrack Op.

- ク	Servi				. ",	Da	aily l	Drill	olora ing f	Repo	ort					
E.		<u>k, Lease ar</u> Junction - F			1		Contract F Union #7		<u>DOL</u> 30	<u>DFS</u> 23	Date on ! 11/3/		Spud Nov 10		Report Dec 3,	
MD 7,206	<u>TVD</u> 7,206	Foota	ige	AFE	No.		AFE Amou \$958,000	_	Auth, TD.	8,700'	Compar	ny Repres	entative arl Hulslande	ar		
,200	7,200		t Operation	5U			Rig Phone Rig Fax:			35-220-099 35-220-099		Toolpush				
Current V	Veather	BLM \	/isit		NPDES		People	on Loc.:	15	Last BOP	Test Date			RIG ELEV	ATIONS	
Vind:	roution	✓ Yes	☐ No	LC50	Sample	Date	Оре	rator	1	1	1/11/2004		RKB		15	ft
Seas: Sky:		Problem?	☐ Yes	Pass?	Yes	□No		ractor vice	11 3	Next BOP	Test Date 12//11/04		Water Depth	1		ft ft
ASING F	RECORD asing Stri	na	OD	Wt.	Grade	Conn.		Run	Setting		Liner	Ton	MW when		LOT	
	asing out	ng		VVC.		Com.			MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?
onductor orface	7		16" 9 5/8*	32.3	LP H40	STC		2	37' 534'	37' 534'			Air Air			
T WEL	LUT OR	ED AND U	VORALII	ICE DE	CORD											
BIT		ED AND H Bit Type	and :			-	•		Total				Avg		Grade	
No 9	Size 8 3/4	Manufa STC F5			Number 8714		lets 15,16	Depth In 7,206'	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
Bit Ren	narke:						Cum R	OT. Hrs	PU	Wt	so	Wt	ROT	Wt	Tor	gue
				,				07		14	13		13		Pump Pres	SUITES
IMP No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	Ĵ∨	Pb	Α'		Speed	SPM		Pump #2	
1	9	x 6	gps 3.15	120	378	9	950	203		DC 201	DP 140	1/4				
2 H A	9	x 6	3.15									3/4				
ength:	533.12	Descrip	otion:	bit (1'), (BS (4.23')	, 18 - 6"	DCs(528.	29')								
-																
UD DAT	WT.	VIS	PV	YP	GELS	WL	нтнр	CAKE	SLDS %	LGS %	OIL %	SD %	мвт	рН	Pm	Pf/Mf
ΙΤ	8.9	35	10	14.0	10/17	9.0	,,,,,,	2	4			0.15	12.6	8.3	0.2	.01/1.4
			L	i	1	1	L	l	l	L		L	L <u> </u>		l	
	Chl	orides	Ca	3++	Smpl Temp	F.L. Temp	Shaker	Screens	Но	urs M	lud Engine	er			lud Compai	пу
T	11	500 KCL	3	00			#1 145	#2 145	Desand	Cent. 24		Jon Lyma			M-1	
	270	NUL	<u> </u>				#3	#4	Desilt	Mud CI	Daily	Cost		Cı	mulative C	ost
	ONAL SU						145	<u></u>		24		24	l	L		
М	D	TV	D	AN	IGLE	Dir	ection	Coor	dinates	V	s	DL		CLOS	URE	
PERAT	ONS SU	MMARY				L			<u> </u>							
TIN FROM		HOUR	Time Code	Boats:				oat Name: oat Name:				-	Status: Status:	-		
0600	1100	5.0	28	WO DO			<u> </u>							Time St	mmary	
1100 1400	1400 1630	3.0 2.5	21 21	TIH w/	12 DCs.	PU 6 E	OCs						Acti	vity Moh	Daily	Cum. 8
1630	1800	1.5	3	-		culate l	oottoms u	ıp. Small	flow. Drill	string has	obstructi	on	2. Cement			2.5
1800	1830	0.5	28		n - 2600 ot to unpl			Obstruct	on @ 481	7'			 Circulate Direction 		1.5	31.5
1830	2300	4.5	21	TOOH.		ug pipe							5. Drilling	IIII WOIK		308.5
2300 0130	0130 0600	2.5	28		BS and	2 DC p	acked wi	th sandst	one and s	hale			6. Drive Pi	pe		0.7
0130	0000	4.5	21	TIH									7. Fishing 8. OH Log	ging	·	27
													9. Lost Cir			
	L							· · · · ·					10. Drill Co 11. N.U./ N			9
					- Chala	Curto			aleata Cili	0.4001			12. P.U./L			4
					s Shale Sandst				akota Silt edar Mour		6'		13. P.U./L 14. R/U; R			30
					Basin 2				alt Wash		h-a\ 0404	4,	15. Rig Re			2
					Tongue a Slick R		73'		ntrada (Ea armel 397		Der) 3404		16. Run C 17. Servic			10.5
					4120'				ayenta 45				18. Sidetra			24
			1	_	te 4806 ' ump 558				hinle 518 Ioenkopi				19. Stuck 20. Survey			24 10.5
				White	Rim 686	8'							21. Trips		14.5	95.5
				BKG =	0 u		· · · · · · · · · · · · · · · · · · ·						22. Tst. B0 23. UR/H0		-	5
				Conn =	= 0 u		·						24. W.O.V	/.		
			-	Trip =	0 и orm. Gas	i = 0 11			··· <u>-</u>		1-11		25. Wash 26. Well C			8.5
				_	w shows								27. WOC			6
			1										28. Other Total		24	44.5 631
	Hours wntime	24.0	Fuel U	leane		Bulk M	aterial on	Board				Previous	<u> </u>	¢7º	4,550	
aily	· · · · · · · · · · · · · · · · · · ·	Daily	8	40	Gals Gals	Cemer		-out		SX		Daily Co	st	\$28	1,169 2,719	
um.		Cum.	19	928	Gais	Barite:				sx		Cum. Co				
															^ -"	

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MSC Exploration Daily Drilling Report

	POGLA	ces		Daily Dilli	9 .	vop.	<i></i>		
	Bloc	ck, Lease and Well N	lo.	Contract Rio	DOL	DFS	Date on Locat	ion Spud Date	Report Date
E	. Crested	Junction - Federal M	ISC #26-1	Union #7	31	24	11/3/2004	Nov 10, 2004	Dec 4, 2004
MD	TVD	Footage	AFE No.	AFE Amount	Auth. TO.		Company Re	presentative	
7,329	7,329	123		\$958,000		8,700'		Carl Hulslander	
		Present Operati	on	Rig Phone:	43	5-220-099	99 <u>Tool</u>	ousher	
		Drilling		Rig Fax:	43	5-220-099	99	Conrad Tenney	

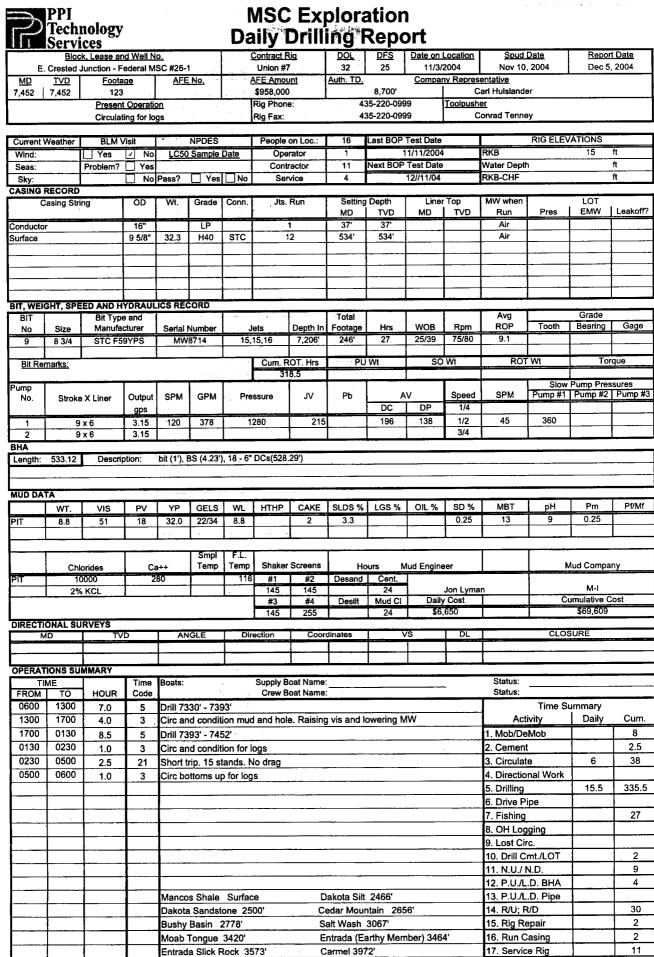
7,329	7,329	123	<u> </u>	1		9.12	\$958,000		·	8,700'			arl Hulslande	er		
			t Operation	on			Rig Phon	e:		35-220-099		Toolpush				
			rilling				Rig Fax:		4:	35-220-099	9		onrad Tenne	ЭУ		
Current	Weather	BLM	/ieit		NPDES		People	on Loc.:	15	Last BOP	Test Oste		r -	RIG ELEV	/ATIONS	
Wind:	wearier	Yes	VISIL No.	1.050	Sample	Date		rator	1	<u> </u>	1/11/2004		RKB	NIO ELEV	15	ft
Seas:		Problem?	Yes	2000	Janipio	Date		ractor	11	Next BOP			Water Depth			ft
Sky:		FIODIGITE		Pass?	Ves	□No		vice	3		12//11/04		RKB-CHF			ft
	RECORD		- 110	1 433.				*100			123711304		rate or a			
	Casing Str		OD	Wt.	Grade	Conn.	Jts.	Run	Settino	Depth	Line	Тор	MW when		LOT	
_	.								MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?
Conducto	or		16"		LP			1	37'	37'			Air			
Surface			9 5/8"	32.3	H40	STC	1	2	534'	534'			Air			
						-								L		
BIT, WEI	GHT, SPE	ED AND H		ICS RE	CORD				:							
BIT		Bit Typ							Total				Avg		Grade	
No	Size	Manufa			Number		ets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
9	8 3/4	STC F5	9YPS	MW	8714	15,	15,16	7,206'	123'	11 1/2	25/39	75/80	10.7			
				Ĺ		L	· ·									
Bit Re	marks:							OT. Hrs		Wt		Wt 36	ROT		101	que
			,		,	·	31	8.5	- 41	14	- 1	30	13		Pump Pres	CUTOC
Pump No.	Ctrate	X Liner	Output	SPM	GPM	Pro	ssure	JV	Pb	A ¹	v	Speed	SPM		Pump #2	
NO.	Stroke	A LINU	gps	J- 1VI	J 31 W	''	33416	"		DC 1	DP	1/4	0,	T Gittp ii !		
	L	x 6	3.15	120	378	1	280	215		196	138	1/2	45	330		 -
2	<u> </u>	x 6	3.15	120	3/6	 	200	213		130	130	3/4		330		
	9	ХÜ	3.13	<u> </u>	ł	L		L	L	<u> </u>		3/7		<u> </u>		<u> </u>
ВНА							0.0 (500	000								
	500 40°	I December	-Al-mi	his/41\	コウ ノイ つつじ											
Length:	533.12	Descri	ption:	bit (1'), l	3S (4.23')	, 18 - 6"	DCs(528.	29')					· · · · · · · · · · · · · · · · · · ·			
Length:	533.12	Descri	ption:	bit (1'), l	3\$ (4.23')	, 18 - 6°	DCs(528.	29')								
		Descri	ption:	bit (1'),	3\$ (4.23')	, 18 - 6"	DCs(528.	29')								
MUD DA	TΑ								Loi po «	Logn	OII 8	00.00	L	l su	- Don	Délhas
MUD DA	TA WT.	VIS	PV	ΥP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	pH	Pm	Pf/Mf
MUD DA	TΑ								SLDS %	LGS %	OIL %	SD % 0.25	MBT 12.2	pH 8.3	Pm 0.2	Pf/Mf .01/1.45
MUD DA	TA WT.	VIS	PV	ΥP	GELS	WL		CAKE	1 1 1 1 PM 21	LGS %	OIL %					
MUD DA	TA WT.	VIS	PV	ΥP	GELS 9/19	WL 9.3		CAKE	1 1 1 1 PM 21	LGS %	OIL %					
MUD DA	WT. 8.8	VIS 33	PV 10	YP 14.0	GELS 9/19 Smpl	WL 9.3	нтнр	CAKE 2	4			0.25		8.3	0.2	.01/1.45
MUD DA	WT. 8.8	VIS 33	PV 10	YP 14.0	GELS 9/19	WL 9.3	HTHP Shaker	CAKE 2	4 Ho	ours M	OIL %	0.25		8.3		.01/1.45
MUD DA	WT. 8.8 Chl	VIS 33	PV 10	YP 14.0	GELS 9/19 Smpl	WL 9.3	HTHP Shaker #1	CAKE 2 Screens #2	4	ours M		0.25 eer	12.2	8.3	0.2	.01/1.45
MUD DA	WT. 8.8 Chl	VIS 33	PV 10	YP 14.0	GELS 9/19 Smpl	WL 9.3	HTHP Shaker #1 145	CAKE 2 Screens #2 145	4 Ho Desand	ours M Cent. 24	ud Engine	0.25 eer Jon Lyma	12.2	8.3 N	0.2 fud Compa	.01/1.45
	WT. 8.8 Chl	VIS 33	PV 10	YP 14.0	GELS 9/19 Smpl	WL 9.3	HTHP Shaker #1	CAKE 2 Screens #2	4 Ho	ours M	ud Engine	0.25 eer	12.2	8.3 N	0.2	.01/1.45

MD	TVD	ANGLE	Direction	inates	V	J	DL	CLOSURE

OPERAT	IONS SU	MARY				·				
TIN	ME		Time	Boats:	Supply Boat Na			Status:		
FROM	TO	HOUR	Code		Crew Boat Na	me:		Status:		
0600	0630	0.5	3	Load pipe circul	ate hole			Time Su		
0630	0900	2.5	21	TIH with bit #9				Activity	Daily	Cum.
0900	1000	1.0	25	PU 5 jts. Wash a	and ream 7055' - 720	6'		1. Mob/DeMob		- 8
1000	1030	0.5	17	Service rig				2. Cement		2.5
1030	1930	9.0	5	Drilling 7206' to	7298'			3. Circulate	0.5	32
1930	2030	1.0	28	Pump pressure	@ 1300 hrs=1300 ps	i, dropped to 1000 psi @ 1930 h	rs	4. Directional Work		
	-			Switched pumps	s. No change. Pumpe	d flag. Pressured to 1275 psi @		5. Drilling	11.5	320
				2850'.				6. Drive Pipe		
2030	2330	3.0	21	TOOH looking for	or flag. Hole in joint #	99. LD bad jt.		7. Fishing	-	27
2330	0230	3.0	21	TIH				8. OH Logging		
0230	0330	1.0	25	Wash and ream	42' to bottom. Work	on pump #2		9. Lost Circ.		
0330	0600	2.5	5	Drill 7298' - 732	9'			10. Drill Cmt./LOT		2
								11. N.U./ N.D.		9
				All work request	ed by BLM on Cactus	Rose road has been complete	d.	12. P.U./L.D. BHA	_	4
								13. P.U./L.D. Pipe		
				Mancos Shale	Surface	Dakota Silt 2466'		14. R/U; R/D		30
				Dakota Sandsto	ne 2500'	Cedar Mountain 2656'		15. Rig Repair		2
				Bushy Basin 2	778'	Salt Wash 3067'		16. Run Casing		2
			-	Moab Tongue 3		Entrada (Earthy Member) 346	4'	17. Service Rig	0.5	11
				Entrada Slick R	ock 3573'	Carmel 3972'		18. Sidetrack Op.		
				Navajo 4120'		Kayenta 4592'		19. Stuck Pipe		24
				Wingate 4806		Chinle 5180'		20. Survey		10.5
				Shinarump 558	5'	Moenkopi 5596'		21. Trips	8.5	104
				White Rim 6868	,			22. Tst. BOPs		5
								23. UR/HO		
			1	BKG = 4 - 18 u				24. W.O.W.		
	<u> </u>	l		Conn = 0 u				25. Wash & Ream	2	10.5
	1			Trip = 185 u		· · · · · · · · · · · · · · · · · · ·		26. Well Control		
				Max Form. Gas	= 0 u			27. WOC		6
				No new shows				28. Other	1	45.5
	1			T				Total	24	655
Total	Hours	24.0								
Rig Do	wntime		Fuel U	Jsage	Bulk Material on Board		Previous		2,719	
Daily		Daily		008 Gals	Cement:	sx	Daily Cos		,849	
Cum.	<u> </u>	Cum.	20	936 Gals	Barite:	sx	Cum. Co	st \$83.	3,568	

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DIV. OF OIL, GAS & MINING



Carmel 3972' Entrada Slick Rock 3573 Navajo 4120' Kayenta 4592 18. Sidetrack Op 24 Chinle 5180' 19. Stuck Pipe Wingate 4806 10.5 Shinarump 5585' Moenkopi 5596' 20. Survey 106.5 Moenkopi (Sinbad) 6552' White Rim 6868' 21. Trips 22. Tst. BOPs 5 23. UR/HO BKG = 10 -38 u 24. W.O.W. Conn = 0 u 10.5 25. Wash & Ream Trip = 185 u Max Form. Gas = 0 u 26. Well Control 27. WOC 6 No new shows 28. Other 45.5 679 Total Hours Rig Downtime Fuel Usage Bulk Material on Board Previous Cost \$833,568 Daily Cost

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MSC Exploration Daily Drilling Report ContractRia DOL DES Date PPI Technology Services Date on Location Spud Date Report Date Block, Lease and Well No. E. Crested Junction - Federal MSC #26-1 Union #7 11/3/2004 Nov 10, 2004 Dec 6, 2004 TVD Footage AFE No. AFE Amount Auth, TD. Company Representative 7,452 7,452 8,700 Carl Hulslander \$958,000 435-220-0999 Rig Phone: Toolpusher Present Operation 435-220-0999 Conrad Tenney Rig Fax: Circulating and conditioning Mud Current Weather BLM Visit NPDES People on Loc RIG ELEVATIONS Yes No Problem? Yes Wind: Operator 11/11/2004 15 Next BOP Test Date Water Depth 11 ft 12//11/04 RKB-CHF Sky ☐ No Pass? Service 6 CASING RECORD Setting Depth MD TVD Jts. Run ŌĎ Casing String EMW Leakoff? MD Run 37 37 Air Conductor STC 534' 32.3 Air Surface 9 5/8" H40 12 534

BIT	[Bit Typ	e and					T	Total				Avg		Grade	
No	Size	Manufa		Serial I	Number	J	lets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
9	8 3/4	STC F	59YPS	MW	8714	15,	15,16	7,206	246'	27			9.1			
						,								L		
Bit Re	marks:						Cum. F	ROT. Hrs	P	Wt	SC	Wt	RO	Γ Wt	Tor	que
						1 1 k (p) = 1	33	35.5	18	50	1	35	1:	30		
ump			1				•								Pump Pres	
No.	Stroke	X Liner	Output	SPM -	GPM	Pre	ssure	JV	Pb	Α	١V	Speed	SPM	Pump #1	Pump #2	Pump #
			gps							DC	DP	1/4				
1	9	x 6	3.15	120	378		280	215		196	138	1/2	45	360		
2	0	x 6	3.15									3/4		1	1	

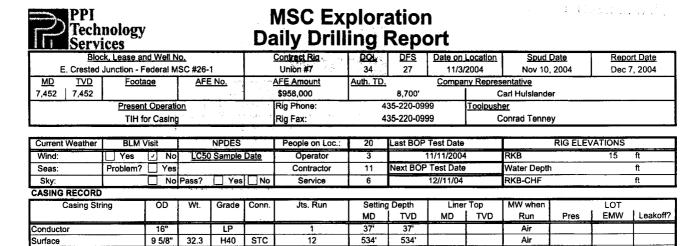
Length:	533.12	Descri	otion:	bit (1'), E	3S (4.23')	, 18 - 6"	DCs(528.	29')			 				
MUD DA	TA											-:12	1		D (1) 45
	WT.	VIS_	PV	YP	GELS	WL	HTHP	CAKE		LGS %	SD %	MBT	ρН	Pm	Pf/Mf
PIT	8.7	37	11	16.0	14/27	8.9		2	3		0.20	7.8	8.5	0.2	.05/1.4

	Chlorides	Ca++	Smpl Temp	F.L. Temp	Shaker	Screens		urs Mu	d Engineer	Mud Company
T	10000	280			#1	#2	Desand	Cent.		
	2 %KCL			,	145	145		24	Jon Lyman	M-I
					#3	#4	Desilt	Mud Cl	Daily Cost	Cumulative Cost
					145			24	\$2,528	\$72,137

MD MD	TVD	ANGLE	Direction	Coordinates	VS	DL	CLOSURE
7410	7410	3.50°					
				<u> </u>	. <u>l</u> l		
OPERATIONS SU	MMARY		1	1.			

TII	ЙE		Time	Boats:	Supply Boat	Name:		Status:		
FROM	TO	HOUR	Code		Crew Boat	Name:		Status:		
0600	0630	0.5	3	Pump pill. Drop	survey			Time Su		
0630	1130	5.0	21	TOOH. Pulled 2	20 - 30K over @ 32	296' -3534'		Activity	Daily	Cum.
1130	2200	10.5	8	Logging with Ha	lliburton. Made 1 le	ogging run. Hole conditions prevent	ed	1. Mob/DeMob		8
				further logging.	Viscosity in mud ta	nks 37 sec. Mud has broken down		2. Cement		2.5
2200	0100	3.0	21	TIH. Function ra	ams			3. Circulate	4	42
0100	0130	0.5	3	Break circulation	@ 4807'			4. Directional Work		
0130	0230	1.0	21	TIH				5. Drilling		335.5
0230	0300	0.5	25	Wash and ream	42' to bottom			6. Drive Pipe		
0300	0600	3.0	3	Circulate and co	ndition mud for log	gs. Raising vis to 55.		7. Fishing		27
				·				8. OH Logging	10.5	10.5
								9. Lost Circ.		
				BLM, Jack John	son notified of cas	ing run on 12/6/04		10. Drill Cmt./LOT		2
								11. N.U./ N.D.		9
								12. P.U./L.D. BHA		4
				Mancos Shale	Surface	Dakota Silt 2466'		13. P.U./L.D. Pipe		
				Dakota Sandsto	ne 2500'	Cedar Mountain 2656'		14. R/U; R/D		30
				Bushy Basin 2	778'	Salt Wash 3067'		15. Rig Repair		2
				Moab Tongue 3	3420'	Entrada (Earthy Member) 3464		16. Run Casing		2
				Entrada Slick R	ock 3573'	Carmel 3972'		17. Service Rig		11
1				Navajo 4120'		Kayenta 4592'		18. Sidetrack Op.		
			i	Wingate 4806 '		Chinle 5180'		19. Stuck Pipe		24
				Shinarump 558	5'	Moenkopi 5596'		20. Survey		10.5
		T		Moenkopi (Sinb	ad) 6552'	White Rim 6868'		21. Trips	9	115.5
								22. Tst. BOPs		5
				BKG = 3 - 6 u		·		23. UR/HO		
				Conn = 0 u				24. W.O.W.		
				Trip = 20 u				25. Wash & Ream	0.5	11
				Max Form. Gas	= 0 u			26. Well Control		
				No new shows				27. WOC		6
	-			-,				28. Other		45.5
	İ							Total	24	703
	Hours	24.0								
	wntime		Fuel L		Bulk Material on Bo		Previous		5,935	
Daily		Daily Cum.		882 Gals 2994 Gals	Cement: Barite:	SX SX	Daily Cos Cum. Cos		,672 5,607	
Cum.	L	Curr.		JJ4 Gais	Darke.	94	Cum. Co	σt φ00-	0,001	

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														İ		
BIT	GHT, SPE	ED AND I		ICS REC	ORD			 	Total		Τ	 1	Avg	T	Grade	
No	Size	Manufa		Serial I	Number		lets	Depth in		Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
9	8 3/4	STC F	59YPS	MW	8714	15,	15,16	7,206'	246'	27			9.1			
Bit Re	marks:						Cum.	ROT. Hrs	PÜ	Wt	SO	Wt	RO	T Wt	Tor	que
							3	35.5	7.	50	1:	35	1	30		
ump No.	Stroke	X Liner	Output	SPM	GРM	Pre	ssure	JV	Pb	<i>-</i>	٩V	Speed	SPM		Pump Pres Pump #2	
			gps	1	3.4	1.0				DC	DP	1/4				
1	9	x 6	3.15	120	378	1	250	215		196	138	1/2	45	360		
2	9	x 6	3.15					[3/4				

NUD D	ATA									-						
	WT.	VIS	PV	ΥP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	мвт	рН	Pm	Pf/M
ΊΤ	8.7	50	16	29.0	19/31	9.0		2	2.5			0.15	7.8	9	0.2	.1/1.2

	Chlorides	Ca++	Smpl Temp	F.L. Temp	Shaker	Screens	Ho	urs M	lud Engineer	Mud Company
ग	10000	280		115	#1	#2	Desand	Cent.		
	2% KCL				145	145		24	Jon Lyman	M-t
					#3	#4	Desilt	Mud Cl	Daily Cost	Cumulative Cost
					145			24	\$5,619	\$77,756

MD	TVD	TVD ANGLE		Coordinates	VS	DL	CLOSURE

TI	ME .		Time	Boats:	Supply Boat Na		_	Status:		
FROM	TO	HOUR	Code		Crew Boat Na	ime:		Status:		
0600	1800	12.0	3	Circulate and co	ndition mud for logs.	Raising vis to 55.		Time Su	ттагу	
1800	1830	0.5	3	Pump pill				Activity	Daily	Cum.
1830	2330	5.0	21	тоон				1. Mob/DeMob		8
2330	0500	5.5	8	Logging.				2. Cement		2.5
0500	0600	1.0	21	RD loggers TIH				3. Circulate	12.5	54.5
				3.1				4. Directional Work		
								5. Drilling		335.5
L								6. Drive Pipe		
Ĺ								7. Fishing		27
			<u> </u>					8. OH Logging	5.5	16
								9. Lost Circ.		L.,
								10. Drill Cmt./LOT		2
								11. N.U./ N.D.		9
	L						_	12. P.U./L.D. BHA		4
				Mancos Shale	Surface	Dakota Silt 2466'		13, P.U./L.D. Pipe		
			<u> </u>	Dakota Sandsto	ne 2500'	Cedar Mountain 2656'		14. R/U; R/D		30
			<u> </u>	Bushy Basin 2	778'	Salt Wash 3067'		15. Rig Repair		2
				Moab Tongue 3	420'	Entrada (Earthy Member) 346-	4'	16. Run Casing		2
			l	Entrada Slick R	ock 3573'	Carmel 3972'		17. Service Rig		11
L				Navajo 4120'		Kayenta 4592'		18. Sidetrack Op.		
	<u> </u>			Wingate 4806 '		Chinle 5180'		19. Stuck Pipe		24
<u></u>				Shinarump 558	5'	Moenkopi 5596'		20. Survey		10.5
<u></u>				Moenkopi (Sinb	ad) 6552'	White Rim 6868'		21. Trips	6	121.5
	<u> </u>		<u> </u>					22. Tst. BOPs		5
				BKG = 3 - 6 u	, N.			23. UR/HO		
	<u> </u>			Conn = 0 u				24. W.O.W.		
L	<u></u>			Trip = 59 u				25. Wash & Ream		11
				Max Form. Gas	= 0 u			26. Well Control		
				No new shows				27. WOC		6
								28. Other		45.5
								Total	24	727
	Hours	24.0								
	owntime	Daile	Fuel U		Bulk Material on Board		Previous		5,607	
Daily Cum.		Daily Cum.		008 Gals	Cement: Barite:	SX SX	Daily Cos Cum. Cos		170	
- u		- uiiii		UUL UUIG	P41113.		Journ. 00.			

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MSC Exploration Daily Drilling Report

	Servi	ces		Daily Dilli	<u> </u>	<u>rebi</u>	<i>-</i>			
	Bloc	k, Lease and Well N	<u>o.</u>	Contract Rig	DOL	<u>DFS</u>	Date on L	ocation	Spud Date	Report Date
E	. Crested	Junction - Federal M	SC #26-1	Union #7	35	28	11/3/2	004	Nov 10, 2004	Dec 8, 2004
MD	TVD	Footage	AFE No.	AFE Amount	Auth. TD.		Compan	Repres	<u>entative</u>	
7,452	7,452			\$958,000		8,700'		С	arl Hulslander	
		Present Operation	<u>on</u>	Rig Phone:	43	5-220-099	99]	Coolpush	er	
		Running 7 " Casi	ng	Rig Fax:	43	35-220-099	99	C	onrad Tenney	

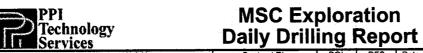
7,452	7,452						\$950,000			0,700			all riuisiariu	J1		
		Preser	t Operation	<u>on</u>			Rig Phon	e:	43	35-220-099	99	Toolpush	ег			
		Runnin	g 7 " Cas	ing 🤚		17311	Rig Fax:	*	4:	35-220-099	99		Conrad Tenne	y		
Current	Weather	BLM			NPDES			on Loc.:		Last BOP			<u> </u>	RIG ELEV		
Wind:		Yes	√ No	LC50	Sample	Date		rator	2		1/11/2004		RKB			ft
Seas:		Problem?	☐ Yes				Cont	ractor		Next BOP			Water Depti	1		ft
Sky:			No	Pass?	Yes	□No	Ser	vice	14		12//11/04		RKB-CHF			ft
CASING	RECORD)														
	Casing Str	ing	OD	Wt.	Grade	Conn.	Jts.	Run	Setting	Depth		Тор	MW when		LOT	
									MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff
Conducto)r		16"		LP			1	37'	37'			Air			
Surface			9 5/8"	32.3	H40	STC		2	534'	534'			Air			Ĺ
															ļ	
												1	ļ			
			L												ļ	
											L	<u> </u>	<u> </u>			
	GHT, SPI	ED AND H		ICS REC	ORD							,			0	
BIT		Bit Typ				l .			Total			_	Avg		Grade	
No	Size	Manufa			Number		ets	Depth in	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
9	8 3/4	STC F	9YPS	MW	8714	15,	15,16	7,206'	246'	27			9.1	2	2	<u> </u>
		<u> </u>				Ĺ				140		1	RO1	14/4		que
<u>Bit Re</u>	marks:							OT. Hrs	PU	Wt	SC	Wt	ROI	νντ	100	que
						,	33	5.5						Čla	Pump Pres	
Pump	1			SPM	GPM	Dr.	ssure	JV	Pb	,	V	Speed	SPM		Pump #2	
No.	Strok	e X Liner	Output] SPM	GPW	16	SSUIG	ا ا	FD.	DC	DP .	1/4	01 111	i dinp # i	T GIIID IIZ	, amp ii
			gps											200	 	
1		x 6	3.15	120	378	1 1	250	215	-	196	138	1/2	45	360	 	
2	٤	x 6	3.15		<u> </u>	<u> </u>		Ļ		<u> </u>	<u> </u>	3/4	<u> </u>			
BHA				<u> </u>		2 2 2										
Length:	533.12	Descri	ption:													
				. :	_											
MUD DA	TA					,				···			_			
	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	рН	Pm	Pf/Mf
PIT	8.7	47	14	24.0	13/25	9.2		2	2.5			0.20	7.8	9	0.2	.1/1.2
	1		1													<u></u>
						•	•									
	Γ		T		Smpl	F.L.	<u> </u>							F		
	Ch	lorides	Ca	a++	Temp	Temp	Shaker	Screens	Ho	ours M	Aud Engine	er		1	Aud Compa	ny
PIT		0000	2	80		115	#1	#2	Desand	Cent.	I					
	29	6 KCL	1		1	1	145	145		24	1	Jon Lyma	an		M-l	
 	<u> </u>			-			#2	#4	Donilt	Mud CI	Dails	/ Cost	1	C	umulative C	ost

IRECTIONAL SUF	RVEYS	-	7,10				
MD	TVD	ANGLE	Direction	Coordinates	VS	DL	CLOSURE
						1	1

TIN	IONS SUI	VIIII I	Time	Boats:	Supply Boat Na	me:			Status:		
FROM	TO	HOUR	Code		Crew Boat Na				Status:		
0600	1030	4.5	21	TIH. Fill pipe					Time Su	mmary	
1030	1200	1.5	3	Circulate bottom	ns up				Activity	Daily	Cum.
1200	1300	1.0	21	RU up laydown	rig. Pump pill				1. Mob/DeMob		8
1300	2200	9.0	13	TOOH laying do	wn drill pipe				2. Cement		2.5
2200	0100	3.0	16	Change out pipe	rams. Pull wear bush	ning.			3. Circulate	1.5	56
0100	0600	5.0	16	Run 7" casing.					4. Directional Work		
									5. Drilling		335.5
									6. Drive Pipe		
									7. Fishing		27
				Jack Johnson, E	BLM notified of casing	running and cementing			8. OH Logging		16
									9. Lost Circ.		
			1						10. Drill Cmt./LOT		2
									11. N.U./ N.D.		9
									12. P.U./L.D. BHA		4
				Mancos Shale	Surface	Dakota Silt 2466'			13. P.U./L.D. Pipe	9	9
				Dakota Sandsto	ne 2500'	Cedar Mountain 2656	ť		14. R/U; R/D		30
				Bushy Basin 2	778'	Salt Wash 3067'			15. Rig Repair	<u> </u>	2
				Moab Tongue	3420'	Entrada (Earthy Memb	er) 3464	١	16. Run Casing	8	10
				Entrada Slick R	ock 3573'	Carmel 3972'			17. Service Rig	<u> </u>	11
				Navajo 4120'		Kayenta 4592'			18. Sidetrack Op.		
				Wingate 4806 '		Chinle 5180'			19. Stuck Pipe		24_
				Shinarump 558	15'	Moenkopi 5596'			20. Survey		10.5
				Moenkopi (Sinb		White Rim 6868'			21. Trips	5.5	127
	,				•				22. Tst. BOPs		5
				BKG = 3 - 6 u					23. UR/HO		
				Conn = 0 u					24. W.O.W.		
				Trip = 0 u					25. Wash & Ream		11
				Max Form. Gas	= 0 u				26. Well Control		
				No new shows					27. WOC		6
									28. Other		45.5
									Total	24	751
	Hours	24.0									
	wntime		Fuell		Bulk Material on Board			Previous		9,777	
Daily Cum.		Daily Cum.		006 Gals 1908 Gals	Cement: Barite:	SX SX		Daily Cos Cum. Co		,031 9,808	
cum.		Cum.		ano Gais	Daine.	24		Carri. CO	3, 431,	,,,,,,,,,	

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DIV. OF OIL, GAS & MINIMA



	IDCI VI	ices				B-			
	Bloc	k. Lease and Well N	o.	Contract Rig	DOL	<u>DF\$</u>	Date on Location	Spud Date	Report Date
E	Crested	Junction - Federal M	ISC #26-1	Union #7	36	29	11/3/2004	Nov 10, 2004	Dec 9, 2004
MD	TVD	Footage	AFE No.	AFE Amount	Auth. TD.		Company Repre	sentative	
7,455	7,455	3		\$958,000		8,700'		Carl Hulslander	
		Present Operati	<u>on</u>	Rig Phone:	43	5-220-09	99 <u>Toolpus</u>	<u>her</u>	
İ	Prep to run 3-1/2" DP and 4-3/4" BHA		Rig Fax:	43	35-220-099	99	Conrad Tenney		

Current Weather	BLM Visit	NPDES	People on Loc.:	31	Last BOP Test Date	RIG ELE	VATIONS
Wind:	Yes / No	LC50 Sample Date	Operator	1	11/11/2004	RKB	15 ft
Seas:	Problem? Yes		Contractor	9	Next BOP Test Date	Water Depth	ft
Sky:	□ No	Pass? Yes No	Service	21	12//11/04	RKB-CHF	ft

Casing String	OD	Wt.	Grade	Conn.	Jts. Run	Setting	Depth	Line	r Top	MW when		LOT	
	1		ŀ			MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?
Conductor	16"		LP		1	37'	37'			Air			
Surface	9 5/8*	32.3	H40	STC	12	534'	534'			Air			
inermediate/Production	7"	23	P110	LTC	14	7,455'	7,455'		Ĭ	8.8			
Inermediate/Production	7"	26	L80	LTC	156	6,839'	6,839'			8.8			
									ļ			ļ	
			1							11		<u> </u>	

BIT		Bit Typ	e and						Total				Avg		Grade	
No	Size	Manufa		Serial 1	Number		lets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
Bit Re	marks:			:			Cum.	ROT, Hrs	PU	Wt	so	Wt	ROT	r Wt	Tor	que
							3	35.5								
ump			1"					T							Pump Pres	
No.	Stroke 2	X Liner	Output	SPM	GPM:	Pre	ssure	J۷	Pb	. A	V	Speed	SPM		Pump #2	Pump #3
	Ou oko /	C EIIIO	gps							DC	DP	1/4				
1	9 x	6	3.15									1/2		<u> </u>		
	9 x		3.15	:								3/4		l	(

ВПА		 	
Length: 533	12 Description:		
			· ·
			 and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s

	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL%	SD %	MBT	pН	Pm	Pf/Mf
PIT	8.7		12	15.0	11/20	9.5		2	2.6			0.15	8	8.2	0.15	.1/1.2
					<u> </u>			L	<u> </u>					L	<u>. </u>	<u> </u>
	1		T		Smpl	F.L.			Ι			 -				
l	Chle	orides	Ca	a++	Temp	Temp	Shaker	Screens	Ho	urs M	lud Engine				lud Compa	ny
	9	500	2	80		NA	#1	#2	Desand	Cent.						
PIT								1.46	T	24	7			1	M-I	
PIT		KCL					145	145		24	· · · · · ·	Jon Lyman	·			
PIT		KCL	l		<u></u>	<u> </u>	145 #3	145 #4	Desilt	Mud Cl		Cost	1		umulative C	ost

MD	TVD	ANGLE	Direction	Coordinates	VS	DL	CLOSURE
				T T			
			 				
			l	<u> </u>	<u>!</u>		

TIN			Time	Boats:	Supply Boat Name:			Status:		
FROM	TO	HOUR	Code		Crew Boat Name:			Status:		
0600	1300	7.0	16	Run 7" casing. T	O 7452'.			Time Su	mmary	
1300	1430	1.5				pth of 7452' w/o tagging bot	tom	Activity	Daily	Cum.
				PU 171 and tage	ged bottom 7482'. Halliburt	on cemetors could not MU	or	1. Mob/DeMob		8
						table. LD 171st jt. Set @ 7-		2. Cement	5	7.5
					'. Centrilizers 7408, 7362,			3. Circulate	6	62
					1, 5209, 4901, 4241, 4151			4. Directional Work		
				3450, 3148, 310	4, 3060, 3016, 2752, 2664	, 257, 169, 82		5. Drilling		335.5
1430	1700	2.5	3	RU cementors a	and circulate hole			6. Drive Pipe		<u> </u>
1700	1900	2.0	2	Cementing 1st s	stage. Pumped 670 sx tail \	N/ 2% gel, 3#/sx silicalite, .7	7%	7. Fishing		27
			· · · · ·			over calculated displacemen		8. OH Logging		16
			l	Plug did not not	bump. Float held.			9. Lost Circ.		
1900	1930	0.5	2	Dropped dart. D	V tool opened.			10. Drill Cmt./LOT		2
1930	2300	3.5	3	Circulate thru D				11. N.U./ N.D.	3.5	12.5
2300	0130	2.5	2	Cement 2nd sta	ge. Lead 300 sx w/ .6% H	alid 322, 2% Versaset, 1%		12. P.U./L.D. BHA		4
				WD-17, Tail 340) sx. w/ 2% gel, 3 #/sx silica	alite, 7 % Halid 322, 5 #/sx		13. P.U./L.D. Pipe		9
				calseal. Land p	lug at 1600 psi. Bumped pl	ug at 2500 psi. Closed tool		14. R/U; R/D		30
					· · · · · · · · · · · · · · · · · · ·	e. Cement top near surface		15. Rig Repair		2
0130	0500	3.5	11	Nipple down BC	P.			16. Run Casing	9.5	19.5
0500	0600	1.0	16	Set slips full ten				17. Service Rig		11
	ļ							18. Sidetrack Op.		
				BLM, Jack John	son, notified of BOP test.			19. Stuck Pipe		24
								20. Survey		10.5
		<u> </u>	t					21. Trips		127
-	<u> </u>		!		N. H. Carlotte			22. Tst. BOPs		5
	 		<u> </u>	· · · · · · · · · · · · · · · · · · ·				23. UR/HO		
					2.14.20			24. W.O.W.		
	 				1. : J. 1		-	25, Wash & Ream		11
		-	 		· · · · · · · · · · · · · · · · · · ·			26. Well Control		
	 	 	ļ					27. WOC		6
		 	 	 				28. Other		45.5
	 		╁		· · · · · · · · · · · · · · · · · · ·			Total	24	775
Total	Hours	24.0		I						
Rig Do	owntime		Fuel (Jsage	Bulk Material on Board		Previous		9,808	
Daily		Daily		99 Gals	Cement:	sx	Daily Cos		1,744	
Cum.		Cum.	25	607 Gals	Barite:	sx	Cum. Co	st \$1,0	91,552	

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MSC Exploration

Daily Drilling Report

	Servi	ces		Daily Dilli	<u>9</u> .	vob.	<i>-</i>		
	Bloc	k. Lease and Well N	Q.,	Contract Rig	DOF	DFS	Date on Loca	tion Spud Date	Report Date
E	. Crested	Junction - Federal M	SC #26-1	Union #7	37	30	11/3/2004	Nov 10, 2004	Dec 10, 2004
MD	TVD	Footage	AFE No.	AFE Amount	Auth. TD.		Company R	epresentative	
7,452	7,452			\$958,000		8,700'		Carl Hulslander	
		Present Operation	on .	Rig Phone:	43	5-220-09	99 <u>Too</u>	lousher	
PU 3-1/2" DP			Rig Fax:	435-220-0999			Conrad Tenney		

Current Weather	BLM Visit	NPDES	People on Loc.:	17	Last BOP Test Date	RIG E	LEVATIONS
Wind:	Yes / No	LC50 Sample Date	Operator	1	11/11/2004	RKB	15 ft
Seas:	Problem? Yes		Contractor	11	Next BOP Test Date	Water Depth	ft
Sky:	No	Pass? Yes No	Service	5	12//11/04	RKB-CHF	ft

Seas:	Problem? Yes	Contractor	11	Next BOP Test Date	Water Depth
Sky:	No Pass? Yes No	Service	5	12//11/04	RKB-CHF
CASING PECOPD					

CASING RECORD													
Casing String	OD	Wt.	Grade	Conn.	Jts. Run	Setting	Depth	Line	г Тор	MW when		LOT	
Causing Carring						MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?
Conductor	16"		LΡ		1	37'	37'		T T	Air			Γ
Surface	9 5/8"	32.3	H40	STC	12	534'	534'			Air		<u>L</u> .	
Inermediate/Production	7"	23	P110	LTC	14	7,455	7,455'			8.8			
La como a linda (Donado cationa	71	26	1.00	LTC	156	6.839	6.839'	T	1	8.8	i	ļ	ŀ

					1							1	ł		
	5.20		-												
No	Size	Manufacturer		al Number	- J	lets .	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
BIT		Bit Type and					T	Total				Avg		Grade	
RIT WE	GHT. SPE	ED AND HYDR	ULICS R	ECORD		:	-								
															
						l									
mermedia	ate/F100uc	1	1 20			 '		-,,,,,,,,							
	ate/Produc		26	L80	LTC	1	56	6.839'	6,839'			8.8			
	ate/Produc		l 23	I P110	I LIC I		4	/,400	/,400			0.0			

<u>Bit Re</u>	marks:				<u> </u>	um. ROT. Hrs 335.5	PL	J Wt	S	O Wt I	RO	r Wt	l lor	que
Pump No.	Stroke X Liner	Output	SPM	GPM	Pressu		РЬ	Δ	\V	Speed	SPM		Pump Pres Pump #2	
		gps						DC	DP	1/4				
1	9 x 6	3.15	l T		***			1		1/2		ļ		
2	9 x 6	3.15			14			<u></u>	<u></u>	3/4		<u> </u>	<u> </u>	
DUA					- :									

BHA			 	 		 	 	
Length: 533.12	Description:	1441	 	 	_	 	 	
MUD DATA							 	
			 				 I	

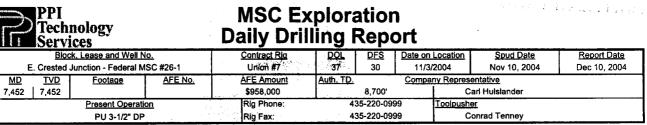
	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	pΗ	Pm	Pf/Mf
PIT	8.7	44	10	8.0	8/12	9.2		2	2.6			0.10	6.8	10	0.2	.25/1.3
	1		T		Smpl	F.L.										
1	Chlo	orides	Ca	1++	Temp	Temp		Screens	Ho	urs M	lud Engine	er		N	lud Compa	
PIT			1				#1	#2	Desand	Cent.						
	T				1]	Jon Lymai	n		M-I	
1						•	#3	#4	Desilt	Mud Cl	Daily	Cost		Cı	mulative C	ost

1					1 3	902	\$60,476
DIRECTIONAL SUF	RVEYS						
MD	TVD	ANGLE	Direction	Coordinates	VS	DL	CLOSURE
			- 11 11 11 11 11 11 11 11			1	
		-		 		1 1	

OPERAT	IONS SU	MARY								
	ME		Time	Boats:	Supply Boat N			Status:		
FROM	TO	HOUR	Code		Crew Boat N	ame:		Status:		
0600	0900	3.0	11	Nipple up BOP				Time Su		_
0900	1200	3.0	11		rams to 3.5". Unioa			Activity	Daily	Cum.
1200	1700	5.0	22			te line, kill line, upper kelly, safe		1. Mob/DeMob		8
				valve, choke ma	nifold to 3000 psi for	10 mins & 250 psi for 5 mins. (Good	2. Cement		7.5
			i	Annular tested to	o 1500 psi. Tested g	ood.		3. Circulate	6	68
1700	1800	1.0	15_	Work on pump #	‡ 2			 Directional Work 		<u> </u>
1800	0000	6.0	3	Rebuild mud an	d volume. PU 4.75"	DCs.		5. Drilling		335.5
0000	0600	6.0	21	PU 3 1/2" drill pi	pe. Standing back in	n derrick.		6. Drive Pipe		
								7. Fishing		27
								8. OH Logging		16
								9. Lost Circ.		
				i				10. Drill Cmt./LOT		2
	 							11. N.U./ N.D.	6	18.5
			t					12. P.U./L.D. BHA		4
		 	 	Mancos Shale	Surface	Dakota Silt 2466'		13, P.U./L.D. Pipe		9
				Dakota Sandsto		Cedar Mountain 2656'		14. R/U; R/D		30
		 		Bushy Basin 2		Salt Wash 3067'		15. Rig Repair	1	3
				Moab Tongue 3		Entrada (Earthy Member) 34	64'	16. Run Casing		19.5
		<u> </u>		Entrada Slick R		Carmel 3972'		17. Service Rig		11
				Navajo 4120'		Kayenta 4592'		18. Sidetrack Op.		
	 			Wingate 4806		Chinle 5180'		19. Stuck Pipe		24
				Shinarump 558	5'	Moenkopi 5596'	"	20. Survey		10.5
	 			Moenkopi (Sinb		White Rim 6868'		21. Trips	6	133
				INIOETROPI (SITIO	au) 0552	VVIIICE IXIII OCCO		22. Tst. BOPs	5	10
 -	<u> </u>		 	BKG = 3 - 6 u				23. UR/HO		
<u> </u>			 	Conn = 0 u	· · · · · · · · · · · · · · · · · · ·			24. W.O.W.		
ļ								25. Wash & Ream		11
	ļ	 	-	Trip = 0 u	-0			26. Well Control	 	
	 		-	Max Form. Gas	= U U			27. WOC		6
	 	ļ		No new shows				28. Other		45.5
	<u> </u>	ļ		 		****		Total	24	799
Total	Hours	24.0	ļ	I.,	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		TOTAL	1 44	199
	Hours	24.0	Fuel L	leage	Bulk Material on Board	1	Previous	Cost \$1.09	1,552	
Daily	MALITHING.	Daily		300 Gals	Cement:	sx	Daily Co		,797	
Cum.	 	Cum.			Barite:	sx	Cum. Co		7,349	

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DIV. OF OIL, GAS & MINING



			t Operation -1/2" DP	<u> </u>	18		Rig Phon Rig Fax:	ie:		35-220-099 35-220-099	1	<u>Toolpush</u> C	<u>er</u> Jonrad Tenne	эу		
O	N41	DIM	6-9		NDDE	300	Doonlo	on Leas	47	Last BOP	Toot Data			RIG ELEV	/ATIONS	
Current V Wind:	veatner	BLM \	/isit No		NPDES Sample	Date		on Loc.: erator	17		1/11/2004		RKB	NIG ELLY		ft
Seas:		Problem?	Yes				·	tractor	11	Next BOP			Water Depti	h		ft
Sky:			☐ No	Pass?	Yes	☐ No	Se	rvice	5		12//11/04		RKB-CHF			ft
CASING F			OD I	Wt.	Grade	Conn.	Ite	. Run	Setting	Donth	Liner	Ton	MW when	1	LOT	
·	asing Stri	ng	OD	VVI.	Grade	Conn.	Jis.	Kun	MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?
Conductor	•		16"		LP			1	37'	37'			Air			
Surface			9 5/8"	32.3	H40	STC		12	534'	534'			Air			
Inermedia Inermedia			7" 7"	23 26	P110 L80	LTC		14 56	7,455' 6,839'	7,455' 6,839'			8.8 8.8			
memedia	terr roduc	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					·	-	0,000	0,000						
BIT WEIG	HT SPE	ED AND H	YDRAUI	ICS REC	ORD			¥3 to					l	<u> </u>	L	
BIT	3711, 07 L	Bit Type			OKD	T		1	Total	<u> </u>			Avg		Grade	
No	Size	Manufa	cturer	Serial I	Number	ز	ets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
							· · · · · · · · · · · · · · · · · · ·	.					·			
Bit Ren	narks:					1	Cum. F	ROT. Hrs	PU	Wt	so	Wt	ROT	Wt	Тог	que
						19	. 33	35.5		,				01	D Cons	
Pump No.	Stroke	X Liner	Output	SPM	GPM :	. Pre	ssure	l JV	Pb	 	v	Speed	SPM		Pump Pres	
140.	Siloke	A LINE	gps	01 111]		333.3	"		DC	DP	1/4	است ساوسیا			
1		x 6	3.15									1/2				
2	9	x 6	3.15	1		909 (B)		<u></u>	L	L		3/4	<u>L</u>	<u> </u>	L	
BHA Length:	533.12	Descri	otion:]
cenym:	JJJ. 12	Descri	Jaori.													
MUD DAT								1	0.55	L 65.2		05.57	MOT	-11	Pm	Pf/Mf
DIT	WT.	VIS	PV	YP	GELS 8/12	WL	HTHP	CAKE 2	SLDS % 2.6	LGS %	OIL %	SD % 0.10	MBT 6.8	рН 10	0.2	.25/1.3
PIT	8.7	44	10	8.0	8/12	9.2	 		2.0			0.10	0.0		0.2	.23/1.0
		L	l		<u></u>	1	·		·					<u> </u>		
					Smpl	F.L.	Chaka	Caraana			4d 5				Aud Compo	
PIT	Chl	orides.	Ca	++	+ Temp Temp Shaker Screen #1 #2					ours M	lud Engine I	eer N			lud Compa	ny
-					#1 #2					Cent.	1	Jon Lyma	n	M-I		
				***	1		#3	#4	Desilt	Mud Ci		Cost		Cumulative Cost		
		AVEVA						I.			\$9	82			\$80,478	
DIRECTION		RVEYS	D	I AN	GLE	l Dir	ection	Coor	dinates	T \	/\$	DL		CLOS	SURE	
												1				
										<u> </u>	<u> </u>		<u> </u>			
OPERAT	ME	MMARY	Time	Boats:			Supply F	oat Name:					Status:			
FROM	TO	HOUR	Code	Bouto.				Boat Name:				-	Status:			
0600	0900	3.0	11		up BOP										ummary	
0900	1200	3.0	11					Unload 5"						ivity	Daily	Cum.
1200	1700	5.0	22					, choke lir					1. Mob/De	·		8
	-		<u> </u>					osi for 10		U psi for 5	mins. Go	pod	CementCirculat		6	7.5 68
1700	1800	4.0	15		n testea n pump		psi. Te	sted good	•				4. Directio		-	- 00
1800	0000	1.0 6.0					ne Pll	4.75" DCs					5. Drilling	ilai Work	 	335.5
0000	0600	6.0	21					ack in de					6. Drive P	ipe		
		<u>"."</u>	T	<u> </u>		٥١	<u></u>		· - · • · · · · · · · · · · · · · · · ·				7. Fishing			27
					,		,						8. OH Log			16
				<u></u>									9. Lost Cir			
													10. Drill C			2
		ļ	<u> </u>										11. N.U./ I		6	18.5
<u> </u>	<u> </u>	 			- 01: 1	C			-l 0'''	04001			12. P.U./L		 	9
	 	 	 		s Shale				akota Silt edar Mour				13. P.U./L 14. R/U; F		 	30
		 	 		Sandst Basin 2		UU .		edar Mour alt Wash		,,,		15. Rig Re		1	3
 		 	 		Tongue	~~~			ntrada (Ea		ber) 3464	4'	16. Run C		 	19.5
l	 	 	†		a Slick F		73'		armel 397			·	17. Service			11
		T			4120'				ayenta 4				18. Sidetr			
	L			+	te 4806 '				hinle 518				19. Stuck			24
					ump 55				/loenkopi	5596'			20. Surve	у	<u> </u>	10.5
				Moenk	opi (Sinl	oad) 65	52'	V	Vhite Rim	6868'			21. Trips		6	133
	ļ		<u> </u>										22. Tst. B		5	10
			<u> </u>		3 - 6 u	1. 1. 1. 1. 1.		· · ·				_	23. UR/H		 	
	ļ	 	↓	Conn :		1.							24. W.O.V 25. Wash		 	11
	 	1		Trip =	0 u orm. Gas	· = O · ·							25. Wash 26. Well C		+	
 	-	 	1		orm. Gas w shows								27. WOC	20111101	 	6
}	 	 	1	No nev	w andws								28. Other		†	45.5
		1	1		 -								Total		24	799
	Hours	24.0														
	wntime	2	Fuel U				aterial on	Board				Previous			91,552 5,797	
Daily Cum.	-	Daily Cum.		00 407	Gals Gals	Cemer Barite:				SX		Daily Co Cum. Co			5,797 17,349	
Guin.		100111.	1									# : U				

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Report Date

Dec 10, 2004

PPI MSC Exploration Daily Drilling Report

	Serv	ices			···•	<u>, </u>			
	Blo	k. Lease and Well N	lo.	Contract Rig	DOL	DF\$	Date on Location	Spud Date	Report Date
l	E. Crested	Junction - Federal M	ISC #26-1	Union #7	38	31	11/3/2004	Nov 10, 2004	Dec 11, 2004
MD	TVD	Footage	AFE No.	AFE Amount	Auth. TD.		Company Repr	esentative	
7,455	7,455		j .	\$958,000		8,700"		Carl Hulslander	
		Present Operati	on	Rig Phone:	4:	35-220-09	99 <u>Toolpu</u> :	<u>sher</u>	
1		TIH		Rig Fax:	4:	35-220-09	99	Conrad Tenney	

Current Weather	BLM V	isit '	7 ***	NPDES		People on Loc.:	21	Last BOP	Test Date	RIG	ELEVATIONS
Wind:	Yes	7 N	o LC5	Sample	Date	Operator	1	1	1/11/2004	RKB	15 ft
Seas:	Problem?	Ye	s			Contractor	11	Next BOP	Test Date	Water Depth	ft
Sky:			o Pass?	Yes	No	Service	9		12//11/04	RKB-CHF	ft
CASING RECORD											
Casing Stri	ing	OD	Wt.	Grade	Conn.	Jts. Run	Settin	g Depth	Liner Top	MW when	LOT

Casing String	OD	Wt.	Grade	Conn.	Jts. Run	Setting	Depth	Line	Тор	MW when		LOT	
1	1	4		1 I		MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?
Conductor	16"		LP		1	37'	37'			Air			
Surface	9 5/8"	32.3	H40	STC	12	534'	534'			Air			
Inermediate/Production	7"	23	P110	LTC	14	7,455'	7,455'			8.8			
Inermediate/Production	7"	26	L80	LTC	156	6,839'	6,839'			8.8		i	
				 					 				<u> </u>
		ļ. —				 		 	 				

BIT, WEIGHT, SPEED AND HYDRAULICS RECORD Grade Tooth Bearing Avg ROP Total Footage Gage WOB 6 1/8 Cum. ROT. Hrs 335.5 Bit Remarks: Slow Pump Pressures
Pump #1 | Pump #2 | Pump #3 Speed 1/4 J۷ Stroke X Liner Output SPM GPM gps 1/2 3/4 9 x 6 9 x 6 3.15 3.15

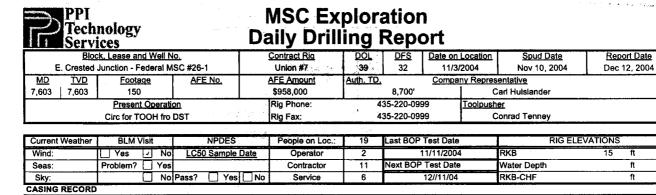
ВПА		
Length: 647.38	Description:	bit (.75'), BS (3.70'), 12 -4.75" DCs(366.94'), bumper sub (16.1'), jars hyd (18.26'), 8 - 4.75" DCs (241.63')
Lengur. 047.00	Bosonparia.	
1		

PIT 8.6 38 11 5.0 8/16 9.8 2 2 tr 4.5 10.5		WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %_	SD %	MBT	pН	Pm	Pf/Mf
Chlorides Ca++ Smpl F.L. Temp Shaker Screens Hours Mud Engineer Muc			38	11	5.0	8/16	9.8		2	2			tr	4.5		0.3	.4/1.3
Chlorides Ca++ Temp Temp Shaker Screens Hours Mud Engineer Mud																	<u> </u>
Chlorides Ca++ Temp Temp Shaker Screens Hours Mud Engineer Mud						I Const	E1								· · · · · · · · · · · · · · · · · · ·		
71 5000 100 #1 #2 Desard Cent. 1.5% KCL 145 145 24 Jon Lyman		Chi	orides	Ca	9++		Temp	Shaker	Screens	Но	urs M	lud Engine				ud Compa	ny
1.5% KCL 145 145 24 Jon Lyman				1	00				#2								
#3 #4 Desilt Mud CI Daily Cost Cum	기 :	, ,															
\$1,300	भ			1				145	145],	Jon Lymar	1		M-I	

DIRECTIONAL SU	RVEYS						
MD	TVD	ANGLE	Direction	Coordinates	VS	DL	CLOSURE
			1				
OPERATIONS SUI	MMARY	<u> </u>					

TIN	IONS SUI	WINDS 1	Time	Boats:	Supply Boat N	ame:		Status:		
FROM	TO	HOUR	Code	Dodis.	Crew Boat N			Status:		
0600	0800	2.0	21	TOOH 3.5" DP a	ind BHA			Time Su	mmary	
0800	1000	2.0	21	TIH w/ BHA and				Activity	Daily	Cum.
1000	1800	8.0	21	PU 3.5" with DP	TOOH standing ba	ack		1. Mob/DeMob		8
1800	1830	0.5	21	RD laydown mad				2. Cement		7.5
1830	2100	2.5	28	Change pump lir	ners #2 from 6" to 4.	5"		3. Circulate	1	69
2100	2300	2.0	21		d tag DV @ 4203'.			4. Directional Work		
2300	0000	1.0	28	Install air head a	nd new rubbers			5. Drilling		335.5
0000	0100	1.0	3	Displace hole wa	ater to mud.			6. Drive Pipe		
0100	0330	2.5	10	Drill DV tool				7. Fishing		27
0330	0600	2.5	21	ТІН	,			8. OH Logging		16
								9. Lost Circ.		
				Jack Johnson, B	LM Moab office, not	tified of pending DST test. He		10. Drill Cmt./LOT	2.5	4.5
	l		l		vithout restrictions.			11. N.U./ N.D.		18.5
***			<u> </u>					12. P.U./L.D. BHA		4
				Mancos Shale	Surface	Dakota Silt 2466'		13. P.U./L.D. Pipe		9
				Dakota Sandsto		Cedar Mountain 2656'		14. R/U; R/D		30
	-			Bushy Basin 2	778'	Salt Wash 3067'		15. Rig Repair		3
				Moab Tongue 3		Entrada (Earthy Member) 346	34'	16. Run Casing		19.5
				Entrada Slick Ro		Carmel 3972'		17. Service Rig		11
			1	Navajo 4120'		Kayenta 4592'		18. Sidetrack Op.		
		<u> </u>		Wingate 4806		Chinle 5180'		19. Stuck Pipe		24_
		<u> </u>		Shinarump 558	5'	Moenkopi 5596'		20. Survey		10.5
			.	Moenkopi (Sinb	ad) 6552'	White Rim 6868'		21. Trips	17	150
				· · · · · · · · · · · · · · · · · · ·				22. Tst. BOPs		10
		†	1	BKG = 0 u			-	23. UR/HO		
		 		Conn = 0 u				24. W.O.W.		
	1		1	Trip = 0 u				25. Wash & Ream		11
	,	1		Max Form. Gas	= 0 u			26. Well Control		
		1	1	No new shows				27. WOC		6
	1	1	1	1				28. Other	3.5	49
	T	1						Total	24	823
Total	Hours	24.0								
	owntime		Fuel U		Bulk Material on Boar		Previous		17,349	
Daily	ļ	Daily		714 Gals 7121 Gals	Cement: Barite:	SX SX	Daily Co		4,622 11,971	
Cum.	<u> </u>	Cum.	1 21	121 Gais	Danie.	97	Cum. Co	DE 0	,0, ,	

RECEIVED



Jts. Run

Setting Depth

MD

37'

TVD

Casing String

OD

Liner Top ID TVD

MD

LOT EMW

Leakoff?

Pres

Run

io .	or		16"	20.0	LP	070		1	37'	37'			Air			
Surface	ate/Produc	tion	9 5/8" 7"	32.3 23	H40 P110	STC		12 14	534' 7,455'	534' 7,455'			Air 8.8			
	ate/Produc		7"	26	L80	LTC		56	6,839'	6,839'			8.8			
						ļ	 		-		ļ				<u> </u>	
BIT, WE	GHT, SPE	ED AND H	YDRAUL	ICS REC	CORD	L				1			<u></u>	[<u> </u>	l
BIT		Bit Type	e and					+	Total				Avg		Grade	
No	Size	Manufa			Number		lets	Depth In		Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
10	6 1/8	HTC ST	X 30	50599	973	0	pen	7,452'	150'	12 1/2	15/20	60	12.0			
Bit Re	marks;						Cum. F	ROT. Hrs	. PL	Wt	so	Wt	RO	Wt	Tor	que
							33	35.5								
Pump	C41	V 1 in a s	Output	SPM	GPM	Dro	ssure	JV	Pb		١V	Speed	SPM		Pump Pres	
No.	Stroke	X Liner	gps	SFM	GFM	F16	issui e] 3	"	DC	DP	1/4	GF IVI	rumpari	1 Ginp #2	r ump a
1	9	x 6	3.15									1/2				
2		x 6	3.15	103	189	9	960	264		239	164	3/4	119	1300		
ВНА					11 -											
Length:	647.38	Descrip	otion:	bit (.75')	, BS (3.7	0'), 12 -4	.75" DCs	(366.94'), t	bumper sub) (16.1'), ja	rs hyd (18.	.26'), 8 - 4.	.75" DCs (24	1.63')		
		• • • • • •			· · · · · · · · · · · · · · · · · · ·		_									
MUD DA	TA								*							
	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	мвт	, pH	Pm	Pf/Mf
PIT	8.4	38	10	8.0	8/12	9.4		2	0.5			0.20	4.8	10.5	0.25	.2/1.2
	I					<u> </u>				L			l			L
					1 Count	1 = 1								r		
	Chir	orides	Ca	1++	Smpl	F.L. Temp	Shaker	Screens	H	ours M	1ud Engine	eer		"	tud Compai	ny
PIT		000		40	† —	112		#2	Desand							,
		6 KCL					145	145		24		Jon Lymai	n		M-I	
							#3	#4	Desilt	Mud Cl		Cost		Cı	mulative C \$83,606	ost
DIRECT	ONAL SU	RVEYS					145		<u> </u>	24	1 301,	928	<u> </u>	<u></u>	403,000	
	MD .	TV	D	AN	GLE	Dir	ection	Coor	dinates	V	/S	DL		CLOS	URE	
ODEDAT	TIONE SIL	MARDY		L		l		L	<u></u>	ļ	<u> </u>	<u> </u>	L		•	
	IONS SUI	TAMIN	Time	Boats:			Supply R	loat Name:					Status:			
FROM	TO	HOUR	Code					oat Name:					Status:			
0600	0830	2.5	10	Drill Ce	ment ar	d top p	lug							Time Su	ımmary	
0830	0900	0.5	3	Circula	te bottor	ns up							Act	ivity	Daily	Cum
0900	1100	2.0	28	Pressu	re test c	asing to	2500 ps	si for 30 m	nins. OK				1. Mob/De	Mob		8
1100	1300	2.0	10	Drill ce	ment flo	at collar	and sho	е					2. Cement		<u> </u>	7.5
1300	1400	1.0					ation. Pe	rform inte	egitry test	at 9.5 ppg	eguivale	nt	Circulat		5	74
1400	1430	0.5	3		te bottor								Directio	nal Work	ļ	
1430	1600	1.5	5		7463' to								5. Drilling		12.5	348
1600	1730	1.5	3				nud to 7	ppg					6. Drive P			
1730	0300	9.5			7476' to			<u> </u>				,,	7. Fishing		····	27
0300	0400	1.0	3					•	belly. Th				8. OH Log			16
									hole 7 pr				9. Lost Cir		1.5	-
	 		 	1		ly meth	od of det	termining	mud weig	ht is to ca	culate.wit	in	10. Drill C		4.5	9
0400	0430	0.5	5	model	pian 7598' to	7603'							11. N.U./ I 12. P.U./L		 	18.5
0430	0600	1.5	3	· · · · ·			rin out for	r DST too	ıls				13. P.U./L		<u> </u>	9
	1	1.5	<u> </u>		s Shale				akota Silt	2466'			14. R/U; R			30
			1		Sandste				edar Mour		6'		15. Rig Re			3
	1				Basin 2				alt Wash				16. Run C			19.5
					Tongue				ntrada (Ea		ber) 3464	1'	17. Servic			11
				_	a Slick R		73'	С	armel 397	'2'			18. Sidetra	ack Op.		
					4120'			K	ayenta 45	592'			19. Stuck	Pipe		24
	1		ļ		e 4806 '				Chinle 518				20. Surve	/		10.5
			ļ		ump 558				/loenkopi			•	21. Trips			150
	ļ		<u> </u>		opi (Sint	oad) 65	52'	V	Vhite Rim	6868'			22. Tst. B			10
	<u> </u>	<u> </u>	<u> </u>	Cutler		<u> </u>							23. UR/H			ļ
		<u> </u>		BKG =	5-15 u								24. W.O.V			<u> </u>
	1	<u> </u>		Conn =		· · · · ·							25. Wash			11
	↓		<u> </u>	Trip = (·							26. Well C	ontrol		
				Max Fo	orm. Gas								27. WOC			6
			ļ			7/110. 7	7500'(90')) bright ye	llow flash	, yellow cı	ut		28. Other		2	51
					17-	1-10-7									T	
					17-	7410-7							Total		24	847
	l Hours	24.0	Free!!!	One sh	17-			Bosed				Drovie	1	¢4.3	\	847
	I Hours	24.0 Daily	Fuel U	One sh	ow 17-		aterial on	Board		sx		Previous Daily Co	Cost		24 11,971 3,978	847

7,603	7,603	100.0	·MO				\$958,000	0		8,700'			arl Hulsland	er		
		Presen	t Operati	on on		- 4	Rig Phon	e:		35-220-099		Toolpush				
		TIH	with bit				Rig Fax:		4	35-220-099	9	(Conrad Tenne	э у		
Current 1	Weather	BLM \	/isit		NPDES		People	on Loc.:	19	Last BOP	Test Date			RIG ELEV	/ATIONS	
Wind:		Yes	√ No	LC50	Sample	Date	Ope	erator	2	1	1/11/2004	,	RKB		15	ft
Seas:		Problem?	Yes	-			Cont	tractor	11	Next BOP	Test Date		Water Dept	h		ft
Sky:		<u> </u>	☐ No	Pass?	Yes	□No	Ser	rvice	6		12//11/04		RKB-CHF			ft
ASING	RECORD															
	Casing Str	ing	OD	Wt.	Grade	Conn.	Jts.	Run	_	Depth		Тор	MW when		LOT	
									MD	TVD	MD	TVD	Run	Pres	EMW	Leako
conducto	r		16"		LP			1	37'	37'			Air		-	
Surface			9 5/8"	32.3	H40	STC		12	534'	534' 7,455'	-		Air 8.8		 	
	ate/Produ		7" 7"	23 26	P110 L80	LTC		14 56	7,455' 6,839'	6,839'			8.8			
remedia	ate/Produ	cuon	- '	20	FOO	LIC	<u></u>	30	0,039	0,639			0.0		 	<u> </u>
			l		 								<u> </u>		<u> </u>	<u> </u>
			!	<u> </u>											<u> </u>	
IT, WEI	GHT, SPI	ED AND H	YDRAÜL	ICS RE	ORD											
BIT		Bit Typ	e and						Total				Avg		Grade	
No	Size	Manufa	cturer		Number		ets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gag
10	6 1/8	HTC S	TX 30	50599	973	13,	13,13	7,452'	150'	12 1/2			12.0		ļ	
	<u> </u>	<u> </u>		<u> </u>		L		107 11	- 5	1424	000	100	- BO3	C 14/4	To	
Bit Re	marks:							ROT. Hrs	PU	Wt	SO	Wt	RO1	Wt	10	rque
							33	35.5					 	Slow	Pump Pres	201122
oump No.	Strok	X Liner	Output	SPM	GPM	Pre	ssure	JV	Pb ·	l A	v	Speed	SPM		Pump #2	
110.	Juon	3 X Cirio	gps							DC	DP	1/4				1
1		x 6	3.15	·	7 7	1 7 1 3		1				1/2		<u> </u>		
2		x 6	3.15	103	189	9	60	264		239	164	3/4				
SHA	·		<u> </u>		1.50	100										
Length:	647.38	Descri	otion:	bit (.75')	, BS (3.7	0'), 12 -4	.75" DCs	(366.94'), L	oumper sub	(16.1'), jar	rs hyd (18	.26'), 8 - 4	.75" DCs (24	11.63')		
						7 .		٠,								
AD DUN	TA													·		
	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	pН	Pm	Pf/N
PIT	8.7	38	9	7.0	4/13	8.0		2	2.5			0.10	7	10	0.2	.25/1
		T														
	 	·	4													
					Smpl	F.L.									,	
		lorides		4++	Temp	Temp		Screens			lud Engine	er		<u> </u>	Mud Compa	iny
ग	1	0000	1	20		147	#1	#2	Desand							
	29	6 KCL			<u> </u>	<u> </u>	145	145		24		Jon Lyma	n	<u> </u>	M-I	
							#3	#4	Desilt	Mud CI		/ Cost		C	umulative C	ost
							145		<u> </u>	24	\$2	183	I	<u> </u>	\$85,789	
	ONAL SI			, , , , , , , , , , , , , , , , , , , 	A. E				-11t		10	T 50	1	CLO	SURE	
	ИD	TV	ט	I AN	GLE	Dir	ection	Coor	dinates	 	/S T	DL	+	CLO	JURE	
		 		 		-		+	 	 	 	1	+			
	iono c:	14444 534		<u>. </u>		<u> </u>		1	<u> </u>	1		1				
	TIONS SL	MMAKY	-	5			0	N4 N					Ctatuc			
TI	ME		Time	Boats:				Boat Name:	·			_	Status:		·	

TIA	ΛE			Boats:	Supply Boat Na			Status:		
FROM	TO	HOUR	Code		Crew Boat Na	me:		Status:		
0600	1300	7.0		TOOH with DST				Time Su		
1300	1400	1.0	28	Break out tools.	Load out DST tools			Activity	Daily	Cum.
1400	1530	1.5	17	Service rig. Pun	np, light plant and mot	tors. Functioned BOP		1. Mob/DeMob		8
1530	2030	5.0	21	TIH to aerate dr	III. Received orders to	terminate aerated drilling progra	am.	2. Cement		7.5
2030	0200	5.5	21	TOOH to put jet	s in bit			3. Circulate		81
0200	0300	1.0	15	Repair hydraulid	line			4. Directional Work		
0300	0600	3.0	21	TIH with bit.				5. Drilling		348
				,			l	6. Drive Pipe		
								7. Fishing		27
								8. OH Logging		16
					,			9. Lost Circ.		
								10. Drill Cmt./LOT		9
								11. N.U./ N.D.		18.5
		-	l					12. P.U./L.D. BHA		4
				Mancos Shale	Surface	Dakota Silt 2466'		13. P.U./L.D. Pipe		9
				Dakota Sandsto	ne 2500'	Cedar Mountain 2656'		14. R/U; R/D		30
				Bushy Basin 2	778'	Salt Wash 3067'		15. Rig Repair	1	4
				Moab Tongue 3		Entrada (Earthy Member) 3464	;'	16. Run Casing		19.5
			1	Entrada Slick R	ock 3573'	Carmel 3972'		17. Service Rig	1.5	12.5
				Navajo 4120'		Kayenta 4592'		18. Sidetrack Op.		
				Wingate 4806 '		Chinle 5180'		19. Stuck Pipe		24
				Shinarump 558	5'	Moenkopi 5596'		20. Survey		10.5
				Moenkopi (Sinb		White Rim 6868'		21. Trips	20.5	183.5
		1		Cutler 7452'				22. Tst. BOPs		10
		 	1					23. UR/HO		
		<u> </u>		BKG = 0 u				24. W.O.W.		
				Conn = 0 u				25. Wash & Ream		11
		 	t	Trip = 0 u				26. Well Control		
		 -	 	Max Form. Gas				27. WOC		6
<u> </u>		<u> </u>	l	1				28. Other	1	56
	l	 	†		; 1	1 2		Total	24	895
Total	Hours	24.0		<u> </u>						
Rig Do	wntime		Fuel L		Bulk Material on Board		Previous		35,949	
Daily		Daily		82 Gals	Cement:	sx	Daily Cos		,405	
Cum.	L	Cum.	30	741 Gals	Barite:	sx	Cum. Co	st \$1,37	75,354	

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Report Date Dec 14, 2004



MSC Exploration Daily Drilling Report

111	Servi	ces		Daily Dil	ımıy ı	/ch	<i>)</i>		
	Bloc	k, Lease and Well N	o.	Contract Rig	DOL.	<u>DFS</u>	Date on Location	Spud Date	Report Date
, E	. Crested	Junction - Federal M	ISC #26-1	Unign #7	42	35	11/3/2004	Nov 10, 2004	Dec 15, 2004
MD	TVD	<u>Footage</u>	AFE No.	AFE Amount	Auth. TD.		Company Repres	entative	
7,780	7,780	177		\$958,000		8,700	c	arl Hulslander	
	l	Present Operati	on	Rig Phone:	4	35-220-09	99 Toolpush	<u>er</u>	
		Drilling		Rig Fax:	4	35-220-09	99 C	onrad Tenney	
				Alegada					

Current Weather	BLM Visit	NPDES	People on Loc.:	16	Last BOP Test Date	RIG E	LEVATIONS
Wind:	Yes 🗸 No	LC50 Sample Date	Operator	2	11/11/2004	RKB	15 ft
Seas:	Problem? Yes		Contractor	11	Next BOP Test Date	Water Depth	ft
Sky:	☐ No	Pass?: 🔲 Yes 🔲 No	Service	3	12//11/04	RKB-CHF	ft

Casing String	OD	Wt.	Grade	Conn.	Jts. Run	Setting	Depth	Line	г Тор	MW when		LOT	
• •				ł i		MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?
Conductor	16"		LP		1	37'	37'			Air			
Surface	9 5/8"	32.3	H40	STC	12	534'	534'			Air			<u> </u>
Inermediate/Production	7"	26	L80	LTC	156	6,839'	6,839'			8.8			
Inermediate/Production	7"	23	P110	LTC	14	7,455'	7,455			8.8			<u> </u>
						·				1			
													

BIT, WEI	GHT, SPE	ED AND I	IYDRAUL	ICS REC	ORD											
BIT		Bit Typ	e and						Total				Avg		Grade	
No	Size	Manufa	acturer	Serial I	Number		lets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
10	6 1/8 HTC STX 30 5059973					13,	13,13	7,452'	327'	28	23/25		11.7			
Bit Re	marks;						Cum.	ROT. Hrs	PU	Wt	SO	Wt	RO	r Wt	Tor	que
							3	35.5	12	0	10	9	11	12		
Pump			T												Pump Pres	
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	JV	Pb	A'	v	Speed	SPM	Pump #1	Pump #2	Pump #3
			gps						:	DC	DP	1/4				
1		x 6	3.15									1/2	63		467	
2	9	x 6	3.15	124	217	1	600	636		287	197	3/4				

BHA				
Length:	647.38	Description:	bit (.75'), BS (3.70'))'), 12 -4.75" DCs(366.94'), bumper sub (16.1'), jars hyd (18.26'), 8 - 4.75" DCs (241.63')
		 		

	WT.	VIS	PV	YP.	GELS	WL	HTHP	CAKE	SLDS %	SLDS % LGS % OIL % SD % MBT					pH Pm Pf/M		
PIT	8.7	42	14	14.0	8/17	7.8		2	2.5			0.15	7.5	10.5	0.2	.35/1.3	
				L				<u> </u>	l						L		
	1				Smpl	F.L.	Shokar	Screens	М		ud Engine				lud Compa	n.v	
	Chic	orides		3++			Snakei	Juleens	Ho	urs ivi	ua Engine	eı		IV	idd Compa	i i y	
PIT	10	000	1	30	112		#1	#2	Desand	Cent.							
	2%	KCL	1		\Box		145	145		24		Jon Lymar	1		M-I		
			•				#3	#4	Desilt	Mud Cl	Daily	Cost		Cı	ımulative C	Cost	
							145	Ť		. 24	\$3,	258			\$89,047		

TII	ME		Time	Boats: Supply Boat Name	9:	Status:		
FROM	TO	HOUR	Code	Crew Boat Name	e:	Status:		
0600	0700	1.0	21	TIH		Time St	ımmary	
0700	0730	0.5	3	Fill pipe circulate @ 4000'		Activity	Daily	Cum.
0730	0900	1.5	21	TIH		1. Mob/DeMob		8
0900	1300	4.0	3	Circulate build volume. Raise vis to 42 s	secs	2. Cement		7.5
1300	1330	0.5	21	TIH four stands		3. Circulate	4.5	85.5
1330	1400	0.5	25	Wash and ream 28' to bottom. No fill		4. Directional Work		
1400	1530	1.5	5	Drill 7606' to 7619'		5. Drilling	15.5	363.5
1530	1600	0.5	17	Service rig. Function pipe rams		6. Drive Pipe		
1600	0600	14.0	5	Drill 7619' to 7780'		7. Fishing		27
						8. OH Logging		16
						9. Lost Circ.	Ī	
						10. Drill Cmt./LOT		9
						11. N.U./ N.D.		18.5
						12. P.U./L.D. BHA		4
				Mancos Shale Surface	Dakota Silt 2466'	13. P.U./L.D. Pipe		9
				Dakota Sandstone 2500'	Cedar Mountain 2656'	14. R/U; R/D		30
				Bushy Basin 2778'	Salt Wash 3067'	15. Rig Repair		4
		1		Moab Tongue 3420'	Entrada (Earthy Member) 3464'	16. Run Casing		19.5
		1			Carmel 3972'	17. Service Rig	0.5	13
				Navajo 4120'	Kayenta 4592'	18. Sidetrack Op.		
				Wingate 4806 '	Chinle 5180'	19. Stuck Pipe		24
				Shinarump 5585'	Moenkopi 5596'	20. Survey		10.5
				Moenkopi (Sinbad) 6552'	White Rim 6868'	21. Trips	3	186.5
				Cutler 7452'		22. Tst. BOPs		10
			1	100,960,004		23. UR/HO		
			ľ	BKG = 9- 15 u		24. W.O.W.		
				Conn = 0 u		25. Wash & Ream	0.5	11.5
				Trip = 136 u		26. Well Control		
				Max Form. Gas = 0 u		27. WOC		6
		ļ — —				28. Other		56
						Total	24	919
Total	Hours	24.0						
	wntime		Fuel L				75,354	
Daily	I	Daily	1 1	176 Gals Cement:	sx	Daily Cost \$29	677	

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MSC Exploration

Daily Drilling Report

	Servi	ces		Daily Diffilling Report								
	Block	. Lease and Well I	No.	Contract Rig	DOL	DFS	Date on Location	Spud Date	Report Date			
1 6	E. Crested J	unction - Federal N	MSC #26-1	Union #7	Union #7 43 36 11/3/2004 Nov 1							
MD	TVD	Footage	AFE No.	AFE Amount	Auth: TO.	,	Company Repre	<u>sentative</u>				
8,045	8,045	265		\$958,000		8,700		Carl Hulslander				
	Present Operation			Rig Phone:	4	35-220-099	99 <u>Toolpus</u>	her				
	Drilling			Rig Fax:	Rig Fax: 435-220-0999 Conrad Tenney							

Current Weather	BLM Visit	NPDES	People on Loc.:	15	Last BOP Test Date	RIG E	LEVATIONS
Wind:	Yes 🗸 No	LC50 Sample Date	Operator	1	11/11/2004	RKB	15 ft
Seas:	Problem? Yes		Contractor	11	Next BOP Test Date	Water Depth	ft
Sky:	☐ No	Pass? Yes No	Service	3	12//11/04	RKB-CHF	ft

CA	SIN	G I	RE	CO	RD

Casing String	LOD	OD Wt. Gra		Conn.	Jts. Run	Settino	Depth	Liner	Тор	MW when		LOT	
outing outing						MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?
Conductor	16"		LP		1	37'	37'			Air			
Surface	9 5/8"	32.3	H40	STC	12	534'	534'			Air			
Inermediate/Production	7"	26	L80	LTC	156	6,839'	6,839'			8.8			
Inermediate/Production	7"	23	P110	LTC	14	7,455'	7,455'			8.8			ļ
							ļ	ļ					
													<u> </u>

BIT, WEIGHT, SPEED AND HYDRAULICS RECORD

B∤T		Bit Typ	e and						Total				Avg		Grade	
No	Size	Manufa	cturer	Serial I	Number	J	ets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
10	6 1/8	нтс s	TX 30	50599	73	16,	16,16	7,452'	593'	47 1/2	25	60	12.5			
								J.,						<u> </u>		
Bit Re	marks:					. 64 1	Cum.	ROT. Hrs	PU	Wt	SO	Wt	RO	T Wt	IOI	que
-							3	35.5								
Pump															Pump Pres	
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	J۷	Pb	A'	V	Speed	SPM	Pump #1	Pump #2	Pump_#3
			gps					l		DC	DP	1/4				
1	9	x 6	3.15									1/2	66	<u> </u>	531	
2	9	x 6	3.15	124	217	1	725	636		287	197	3/4				

Length:	647.38	Description:	bit (.75'), BS (3.70'), 12 -4.75" DCs(366.94'), bumper sub (16.1'), jars hyd (18.26'), 8 - 4.75" DCs (241.63')

	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL%	SD %	MBT	pН	Pm	Pf/Mf
PIT	8.7	43	17	18.0	10/18	7.4		2_	2.6			0.20	7.8	11	0.3	.6/1.6
	Chi	orides		a++	Smpl Temp	F.L. Temp	Shaker	Screens	Но	urs M	lud Engine	er			Aud Compa	nv
PIT		0000		50		116		#2	Desand	Cent.						
	2%	KCL	 				180	180		24	١,	lon Lymar	1		M-I	
			- Annon			-	#3	#4	Desilt	Mud CI	Daily	Cost		Cı	ımulative C	ost
							180	255		24	\$2.1	106		T	\$ 91,153	

DIRECTIONAL SU	RVEYS						
MD	TVD	ANGLE	Direction	Coordinates	VS	DL	CLOSURE
							
	L				<u> </u>		
				l i	l 1	1	1

OPERAT		MMARY									
	ME		Time	Boats:	Supply Boat Na				Status:		
FROM	TO	HOUR	Code		Crew Boat Na	ame:					
0600	1000	4.0	5	Drill 7800' to 78					Time Su		_
1000	1030	0.5	17		ction annulars. Chan	ge oil, light plant			Activity	Daily	Cum.
1030	0600	19.5	5	Drill 7843' to 80-	45'				1. Mob/DeMob		8
									2. Cement		7.5
			l		:				3. Circulate		85.5
			I		1. 1.				4. Directional Work		
									5. Drilling	23.5	387
									6. Drive Pipe		
									7. Fishing		27
- 									8. OH Logging		16
					···································		***************************************		9. Lost Circ.		
				i					10. Drill Cmt./LOT		9
				 					11. N.U./ N.D.		18.5
	!	1			U - 195			j	12. P.U./L.D. BHA		4
			-	Mancos Shale	Surface	Dakota Silt 2466'		1	13, P.U./L.D. Pipe		9
	-	1		Dakota Sandsto		Cedar Mountain 265	56'		14. R/U; R/D		30
	1	l —		Bushy Basin 2		Salt Wash 3067'			15. Rig Repair		4
<u> </u>	†			Moab Tongue 3		Entrada (Earthy Mem	nber) 3464		16. Run Casing		19.5
	-		†	Entrada Slick R		Carmel 3972'			17. Service Rig	0.5	13.5
·				Navajo 4120'		Kayenta 4592'			18. Sidetrack Op.		
<u> </u>				Wingate 4806		Chinle 5180'			19. Stuck Pipe		24
	 	 		Shinarump 558	5'	Moenkopi 5596'			20. Survey		10.5
		· · · · · ·		Moenkopi (Sinb		White Rim 6868'			21. Trips		186.5
	 			Cutler 7452'					22. Tst. BOPs		10
-	 	<u> </u>		04.67 7 402					23. UR/HO		
	 -	 	 	BKG = 9 - 17 u	1 M				24. W.O.W.		
	 	 	 	Conn = 0 u					25. Wash & Ream		11.5
	+	ļ	 	 			.,		26. Well Control	-	
 	 		 	Max Form. Gas			·		27. WOC	 	6
-	-	 	 	No new shows	- v u				28. Other		56
	 	1	 	THO HEW SHOWS					Total	24	943
Total	Hours	24.0	┼┈╴	·					10(a)		545
	owntime	 	Fuel L	Jsage	Bulk Material on Board	l -		Previous	Cost \$1,40	5,031	
Daily		Daily	9	52 Gals	Cement:	sx		Daily Cos	t \$31	,402	
Cum.		Cum.	32	869 Gals	Barite:	SX		Cum. Cos	t \$1,43	6,433	

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MSC Exploration Daily Drilling Report

	Jerv i	ices		u.,	<u>.</u>	10 P			
	Bloc	k, Lease and Well I	<u>vo.</u>	Contract Rio	DOL	<u>DFS</u>	Date on Location	Spud Date	Report Date
] [E. Crested	Junction - Federal N	ASC #26-1	Union #7	44	37	11/3/2004	Nov 10, 2004	Dec 17, 2004
MD	TVD	Footage	AFE No.	AFE Amount	Auth, TD.		Company Repres	entative	
8,100	8,100	55	1	\$958,000		8,700'	(arl Hulslander	
		Present Operat	ion	Rig Phone:	4	35-220-09	99 Toolpust	er	
		Logging		Rig Fax:	4:	35-220-09	99 (Conrad Tenney	

Oursell Manual Co.	DI MANGAM	NPDES	Boorle on Loc	10	Last BOP Test Date	PIG F	LEVATIONS
Current Weather	BLM Visit		People on Loc.:	19			LEVATIONS
Wind:	_ Yes ✓ No	LC50 Sample Date	Operator	1	11/11/2004	RKB	15 π
Seas:	Problem? Yes		Contractor	11	Next BOP Test Date	Water Depth	ft
Sky:	☐ No	Pass? Yes No	Service	7	12//11/04	RKB-CHF	ft

A CHAI	~	2	7	2
CASIN	G	ĸE	υU	ĸ

Casing String	OD	Wt.	Grade	Conn.	Jts. Run	Setting	Depth	Line	Тор	MW when		LOT	
	1		İ			MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?
Conductor	16"		LP		1	37'	37'			Air			
Surface	9 5/8"	32.3	H40	STC	12	534'	534'			Air		J	
Inermediate/Production	7"	26	L80	LTC	156	6,839'	6,839'			8.8		<u> </u>	
Inermediate/Production	7"	23	P110	LTC	14	7,455'	7,455'			8.8		ļ. —	
						<u> </u>						 	<u> </u>
			ļ	ļ—		 						 	ļ

BIT, WEIGHT, SPEED AND HYDRAULICS RECORD

BIT		Bit Typ	e and						Total				Avg		Grade	
No	Size	Manufa		Serial !	Number		Jets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
10	6 1/8	HTC S	TX 30	50599	73	16,	16,16,16 7,452' 648'			52 1/2	25	60	12.3	2	2	- 1
				_												
Bit Re	marks:						Cum. F	ROT. Hrs	PU	Wt	SO	Wt	ROT	Wt	Tor	que
							33	35.5	. 12	22	10	9	11	4		
														Classe	Duman Duan	011500
Pump	1														Pump Pres	
Pump No.	Stroke	X Liner	Output	SPM	GPM	Pre	essure	JV	Pb	A	V	Speed	SPM		Pump #2	
No.	Stroke	X Liner	Output gps	SPM	GPM	Pre	essure		Pb	DC A	DP	Speed 1/4	SPM			
No.		X Liner	1 ' 1	SPM	GPM	Pre	essure	JV	Pb				SPM 66			
No.	9		gps	SPM	GPM 217		700				DP	1/4			Pump #2	

Length:	647.38	Description:	bit (.75'), BS (3.70'), 12 -4.75" DCs(366.94'), bumper sub (16.1'), jars hyd (18.26'), 8 - 4.75" DCs (241.63')

	WT.	VIS	I PV	YP	GELS	WL	HIHP	CAKE	SLDS %	LGS %	UIL %	SD %	MID I	pri	PIII	Fi/IVII
PIT	8.8	53	20	23.0	10/22	7.7		2	3.3			0.15	8.5	10.5	0.25	.3/1.4
														<u> </u>		<u> </u>
									,							
1	1		1		Smpl	F.L.			1				l			
	Chic	orides	Ca	3++	Temp	Temp	Shaker	Screens	Ho	urs M	lud Engine	ег		l N	lud Compa	ny
PIT	10	000		30		116	#1	#2	Desand	Cent.						
	2%	KCL	1				180	180		24] <u> </u>	Jon Lyma	n	L	M-I	
-							#3	#4	Desilt	Mud Cl	Daily	Cost		Cı	umulative C	ost
l							180	255	1	24	\$2,0	000			\$93,153	

DIRECTIONAL SURVEYS

Til	ΜE	

TII	ME	Time Boats: Supply Boat Name:					_	Status:		
FROM	TO	HOUR	Code		Crew Boat Nar	ne:		Status:		
0600	1100	5.0	5	Drill 8045' to 810	00'			Time Su	mmary	
1100	1200	1.0	3	Circulate bottom	is up			Activity	Daily_	Cum.
1200	1300	1.0	21	Short trip. 11 sta	inds pulled clean no fi	II		1. Mob/DeMob		8
1300	1400	1.0	3	Circulate bottom	is up			2. Cement		7.5
1400	2000	6.0	21	TOOH for logs		***		3. Circulate	2	87.5
2000	0600	10.0	8	RU loggers. Log	ging with Halliburton v	vireline		4. Directional Work		
								5. Drilling	5	392
								6. Drive Pipe		
								7. Fishing		27
		-						8. OH Logging	10	26
								9. Lost Circ.		
								10. Drill Cmt./LOT		9
								11. N.U./ N.D.		18.5
-		1						12. P.U./L.D. BHA		4
	1			Mancos Shale	Surface	Dakota Silt 2466'		13. P.U./L.D. Pipe		9
				Dakota Sandsto	ne 2500'	Cedar Mountain 2656'		14. R/U; R/D		30
				Bushy Basin 2	778'		15. Rig Repair		4	
				Moab Tongue 3	3420'	Entrada (Earthy Member) 3464	4'	16. Run Casing		19.5
				Entrada Slick Re	ock 3573'	Carmel 3972'		17. Service Rig		13.5
				Navajo 4120'		Kayenta 4592'		18. Sidetrack Op.		
		1		Wingate 4806 '		Chinle 5180'		19. Stuck Pipe		24
	1		· · · · · ·	Shinarump 558	5'	Moenkopi 5596'		20. Survey		10.5
				Moenkopi (Sinb	ad) 6552'	White Rim 6868'		21. Trips	7	193.5
				Cutler 7452'				22. Tst. BOPs		10
				1				23. UR/HO		
			<u> </u>	BKG = 9 - 17 u	en agricultura			24. W.O.W.		
-				Conn = 0 u				25. Wash & Ream		11.5
	1			Trip = 0 u	1 5 d			26. Well Control		
	1			Max Form. Gas	= 0 u			27. WOC		6
			1	No new shows				28. Other		56
				INO HEW SHOWS						
				NO NEW SHOWS				Total	24	967
	Hours	24.0						Total		
	Hours	. 24.0 Daily	Fuel U		Bulk Material on Board Cement:	SX	Previous Daily Cos	Total Cost \$1,43	24 36,433 .928	

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MSC Exploration Daily Drilling Report

EEEE OCTATORS				<u> </u>				
Block, Lease and Well No.		Contract Rio	DOL	<u>DFS</u>	Date on	Location	Spud Date	Report Date
E. Crested Junction - Federal MSC #2	6-1	Union #7	45	38	11/3/	2004	Nov 10, 2004	Dec 18, 2004
MD TVD Footage A	FE No.	AFE Amount	Auth.*TO.		Compai	ny Repres	entative	
8,130 8,130		\$958,000		8,700'		_ c	arl Hulslander	
Present Operation		Rig Phone:	4:	35-220-099	99	Toolpush	<u>9r</u>	
GIH and wait on orders		Rig Fax:	4:	35-220-099	99	C	onrad Tenney	

Current Weather	BLM Visit	NPDES	People on Loc.:	20	Last BOP Test Date	RIG ELEVA	ATIONS
Wind:	∐ Yes ☑ No	LC50 Sample Date	Operator	1	11/11/2004	RKB	15 ft
Seas:	Problem? Yes		Contractor	11	Next BOP Test Date	Water Depth	ft
Sky:	☐ No	Pass? Yes No	Service	8	12//11/04	RKB-CHF	ft

Outrom Woulder	DEM FIOR	IN DEC	1 dopie on Lou.		cast 507 Tool Date	THE LEETHIONS	
Wind:	Yes 🛂 No	LC50 Sample Date	Operator	1		RKB 15	ft
Seas:	Problem? Yes		Contractor	11	Next BOP Test Date	Water Depth	ft
Sky:	☐ No	Pass? Yes No	Service	- 8		RKB-CHF	ft
OAGING DEGGED				_			

Casing String	OD	Wt.	Grade	Conn.	Jts. Run	Setting	Depth	Line	г Тор	MW when		LOT	
						MD	TVD	MD	DVT	Run	Pres	EMW	Leakoff?
Conductor	16"		LP		1	37'	37'			Air			
Surface	9 5/8"	32.3	H40	STC	12	534'	534'		l	Air			
Inermediate/Production	7*	26	L80	LTC	156	6,839'	6,839'			8.8			
Inermediate/Production	7*	23	P110	LTC	14	7,455'	7,455'			8.8			
	1												
								1					

BIT, WEI	GHT, SPE	ED AND I	IYDRAUL	ICS REC	ORD			111	100							
BIT		Bit Typ	e and						Total				Avg		Grade	
No	Size	Manufa	acturer	Serial 1	Number	L	lets	Depth In	Footage	Hrs	WOB.	Rpm	ROP	Tooth	Bearing	Gage
10	6 1/8	HTC S	TX 30	50599	73	0	pen '	7,452'	648'	52 1/2			12.3			
Bit Re	marks:						Cum.	ROT. Hrs	PŪ	Wt	SO	Wt	RO	r Wt	Tor	que
1								392								
Pump			Г				-	1							Pump Pres	
No.	Stroke	X Liner	Output	SPM	GPM	Pre	essure	JV	Pb	Α\	v	Speed	SPM	Pump #1	Pump #2	Pump #3
l		*	gps					1		DC	DP	1/4				
1	9	x 6	3.15									1/2				
2	9	x 6	3.15	124	217	- 1	700	636		287	197	3/4				
ВНА					112	r										

Length: 647.38	Description:	bit (.75'), BS (3.70'	'), 12 -4.75" DCs(366	i.94'), bumper sub (16.1'), jars hyd (1	8.26'), 8 - 4.75" [OCs (241.63')	
			-A -A					

MUD D	ATA															
	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL%	SD %	MBT	pН	Pm	Pf/Mf
PIT	8.7	48	17	23.0	9/21	6.8		2	2.6			tr	8.4	10	0.2	25/1.3
			 		Smpl	F.L.	l	L	1	<u> </u>	<u>. </u>	<u></u>		l		
	Chlo	orides		a++	Temp	Temp	Shaker	Screens	Ho	urs M	lud Engine	er			lud Compa	iny
PIT	10	000	1	00			#1	#2	Desand	Cent.						
	2 % KCL					180	180		24]	Jon Lymai	n		M-I		
							#3	#4	Desilt	Mud Cl		Cost		Cı	umulative (Cost
I							180	255		24	\$3	50			\$93,203	

DIRECTIONAL SU	RVETS							
MD	TVD	ANGLE	Direction	Coordi		5	DL	CLOSURE
				T				
	1			l ·				

	ME			Boats:	Supply Boat Na				Status:		
FROM	TO	HOUR	Code		Crew Boat Na	me:			Status:		
0600	1900	13.0		Logging with Ha	illiburton				Time Su		
1900	1930	0.5	8	RD loggers		·			Activity	Daily	Cum.
1930	0200	6.5	21	TIH rabbiting dr	ill pipe and SLM to 450	00'			1. Mob/DeMob		8
0200	0300	1.0	3	Load pipe. Brea	k circulation	· ·			2. Cement		7.5
0300	0600	3.0	21	TIH to condition	hole. Waiting on orde	ers. SLM correction 30'.			3. Circulate	1	88.5
									4. Directional Work		
					·				5. Drilling		392
				Eric Jones, BLN	I, notified by telephone	e of possible liner setting	depth,		6. Drive Pipe		
				TD depth and c	ementing operations.	12/17/04 - 2000 hrs			7. Fishing		27
									8. OH Logging	13.5	39.5
									9. Lost Circ.		
									10. Drill Cmt./LOT		9
									11. N.U./ N.D.		18.5
									12. P.U./L.D. BHA		4
				Mancos Shale	Surface	Dakota Silt 2466'			13. P.U./L.D. Pipe		9
				Dakota Sandsto	ne 2500'	Cedar Mountain 2656'	,		14. R/U; R/D		30
				Bushy Basin 2	778'		15. Rig Repair		4		
				Moab Tongue 3	3420'		16. Run Casing		19.5		
				Entrada Slick R	ock 3573'	Carmel 3972'			17. Service Rig		13.5
				Navajo 4120'		Kayenta 4592'			18. Sidetrack Op.		
				Wingate 4806 '		Chinle 5180'			19. Stuck Pipe		24
				Shinarump 558	5'	Moenkopi 5596'			20. Survey		10.5
				Moenkopi (Sinb	ad) 6552'	White Rim 6868'			21. Trips	9.5	203
				Cutler 7452'		.)			22. Tst. BOPs		10
									23. UR/HO		
									24, W.O.W.		
									25. Wash & Ream		11.5
									26. Well Control		
					the second second				27. WOC		6
									28. Other		56
									Total	24	991
	Hours	24.0								· · · · · · · · · · · · · · · · · · ·	
	wntime		Fuel U		Bulk Material on Board			Previous			
Daily	 	Daily		50 Gals 949 Gals	Cement:	SX		Daily Cos		,764 4 425	
Cum.	L	Cum.	33	949 Gais	Barite:	SX		Cum. Cos	it \$1,52	4,125	

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PPI **MSC Exploration** T 215 R 19E S-26 43-019-31407 In Spud Date Report Date Technology Services **Daily Drilling Report** Block, Lease and Well No. E. Crested Junction - Federal MSC #26-1 Union #7 46 11/3/2004 Nov 10, 2004 Dec 19, 2004 AFE No. TVD Auth, TD. MD Footage AFE Amount Company Representative 8,224 8,224 124 \$958,000 8,700 Carl Hulslander Present Operation 435-220-0999 Rig Phone: Toolpusher Prepare to run Production Liner Rig Fax: 435-220-0999 Conrad Tenney NPDES RIG ELEVATIONS ☐ Yes ☑ No Problem? ☐ Yes Wind: LC50 Sample Date 11/11/2004 RKB Operator Next BOP Test Date Seas 11 Water Depth Sky ☐ No Pass? ☐ Yes ☐ No 10 12//11/04 RKB-CHF CASING RECORD Casing String Jts. Run Setting Depth MW wher 101 MD Pres Leakoff 37' Air 32:3 STC 534 534 Surface 9 5/8* H40 12 Air Inermediate/Production L80 LTC 156 6,839 6,839 26 8.8 nermediate/Production 7" 23 P110 LTC 7,455' 8.8 BIT, WEIGHT, SPEED AND HYDRAULICS RECORD Bit Type and Total Depth In Footage Tooth Bearing Gage Size WOB Rpm ROP 6 1/8 HTC STX 30 5059973 7,452' 10 open Cum. ROT. Hrs Bit Remarks: oump No. Output SPM GPM JV SPM Stroke X Liner DC DP 1/4 gps 3.15 3.15 1/2 124 217 1650 636 287 197 ВНА 647.38 Length MUD DATA GELS HTHP CAKE SLDS % LGS % OIL % SD % MBT Pf/Mf WT. VIS PV ÝΡ WL pН Pm 55 18 28.0 10/29 6.7 0.15 10.55 0.25 F.L. Temp Mud Engineer Mud Company Hours 10000 Desand Cent. M-I Mud Cl Cumulative Cost \$93,404 DIRECTIONAL SURVEYS CLOSURE

OPERAT	IONS SU	MMARY		1	<u> </u>				<u> </u>			
	ME		Time	Boats:	Supply Boat	l Name;				Status:		
FROM	TO	HOUR	Code		Crew Boat	Name:				Status:		
0600	0630	0.5	21	TIH. Rabbit DP						Time Su	ımmary	
0630	0700	0.5	25	Wash and ream	44' to bottom. No	fill				Activity	Daily	Cum.
0700	0730	0.5	3	Circ bottoms up).					1. Mob/DeMob		8
0730	0830	1.0	5	Drill 8130' to 81	40' to space out ca	asing. Mud logge	r indicated s	show.		2. Cement		7.5
0830	1030	2.0	3	Circ bottoms up	. Mix pill. Decisio	on made to drill a	bout 100' de	eper.		3. Circulate	5	93.5
1030	1700	6.5	5	Drill 8140' to 82	24'					4. Directional Work		
1700	1900	2.0	3	Circ bottoms up	. Mix pill					5. Drilling	7.5	399.5
1900	1930	0.5	3	Pump pill. Drop	survey					6. Drive Pipe		
1930	0100	5.5	21	TOOH for 5" line	er. Prepare to run	Produciton Liner				7. Fishing		27
						·				8. OH Logging		39.5
				14.4						9. Lost Circ.		
										10. Drill Cmt./LOT		9
										11. N.U./ N.D.		18.5
										12. P.U./L.D. BHA		4
	15									13. P.U./L.D. Pipe		9
										14. R/U; R/D		30
								15. Rig Repair		4		
										16. Run Casing		19.5
										17. Service Rig		13,5
										18. Sidetrack Op.		
										19. Stuck Pipe		24
										20. Survey		10.5
										21. Trips	6	209
										22. Tst. BOPs		10
										23, UR/HO		
										24. W.O.W.		
										25. Wash & Ream	0.5	12
						1.				26. Well Control		
										27. WOC		6
										28. Other		56
										Total	19	1010
	Hours	19.0										
Rig Do	wntime	Daily	Fuel U	sage Gals	Bulk Material on Boat Cement:	ard			Previous (Daily Cost		4,125	
Cum.		Cum.	33	949 Gals	Barite:		sx '		Cum. Cos	RIE	304 1429 E 1	VFD

	PPI Tech Serv	ites	 *			ail	y Co	omp	etio	atior n Re	por		T21S 43-01 Completi			
Ε		ck, Lease a Junction - F			1		Contract Union #		<u>DOL</u>	DFS 1		Location /2004	Completi Dec 18			rt <u>Date</u> 9, 2004
MD 8,224	<u>TVD</u> 8,224	Foot	age	ÁFE	No.		AFE Amo		Auth. TD.	0.700			v Representa		•	·
0,224	0,224	Preser	t Operati	on	<u> </u>	<u> </u>	\$347,00 Rig Phon		4	8,700' 35-220-099	99	Toolpush	Carl Hulsland ner	er	 	
		Run Pro	duction L	iner			Rig Fax:		4	35-220-099	99		Conrad Tenne	эу		
Current	Weath er	ВЬМ	Visit		NPDES		People	on Loc.:	22	Last BOP	Test Date			RIG ELE	VATIONS	
Wind:		Yes	✓ No	LC50	Sample	Date		erator	1		12/11/2004		RKB		15	ft
Seas: Sky:		Problem?	Yes No	Pass?	Yes	No		tractor rvice	11 10	Next BOP	Test Date	· · · · · · · · · · · · · · · · · · ·	Water Depti RKB-CHF	n .		ft
ASING	RECORD						,,, ,,,,,,						<u> </u>			
C	Casing Str	ing	OD	Wt.	Grade	Conn.	Jts.	. Run	Setting MD	Depth	Line:	rTop TVD	MW when Run	Pres	LOT EMW	Leakoff?
onducto	r		16"		LP			1	37'	37'			Air			
Surface nermedia	te/Produc	ction	9 5/8"	32.3 26	H40 L80	STC		12 56	534' 6,839'	534' 6,839'			Air 8.8		-	
nermedia	te/Produ	ction	7"	23	P110	LTC		14	7,455'	7,455'			8.8			
	<u> </u>		-													
IT WEI	CHT CDE	ED AND H	VDBALII	ICS DEC	COPD							l				
BIT	GHI, SFE	Bit Typ		LICS KE	CORD	Π		T	Total		Γ		Avg		Grade	
No	Size	Manufa	cturer	Serial	Number		ets	Depth-In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
		<u> </u>														
Bit Rei	marks:	-					Cum. F	ROT. Hrs	PU	Wt	SO	Wt	ROT	Wt	Toi	rque
ump					T		<u> </u>	<u> </u>		Γ	L	Γ	 	Slow	Pump Pres	sures
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	7/	Pb	DC A	V DP	Speed 1/4	SPM		Pump #2	
1	9	x 6	gps 3,15	l	ļ				L	l DC	DP	1/2	 			
2		x 6	3.15	124	217	1	650	636		287	197	3/4				
Length:		Descri	ption:												•	
IUD DA	ΓA					Salam d 19000 100 a										
	WT.	VIS	PV	YP	GELS	WL	НТНР	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	рН	Pm	Pf/Mf
PIT .	8.8	55	18	28.0	10/29	6.7		2	3			0.15	8.6	10.55	0.25	.3/1.4
i			<u>t</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	L	L	L	L	l	l	L	L	·
	CHI		<u> </u>		Smpl	F.L. Temp	Shaker	Screens		14	had Employe				4	
rit		orides 0000	Annual Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contract of the Contrac	9++ 30	Temp	150	medicine i mana	#2	Desand	urs M Cent.	lud Engine	er	<u> </u>	^	lud Compa	пу
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		<u> </u>			393-F-1		ÇÇGON	Coore	in ates	· · ·		J DL		CLOC	ONE	
PERAT	IONS SU	MMARY						<u> </u>								
TIM	ME		Time	Boats:	:			oat Name:					Status:			
FROM 0100	TO 0600	HOUR 5.0	Code 16	Pilcas	ere Ra	ker tool		oat Name:	d torque s	vetom			Status:	Time S	ummary	· · · · · · · · · · · · · · · · · · ·
		3.0	1	Run 80	1', 19 jts	, 5", 28	#, P110,	flush join	t casing. I	Followed I	by CNC li	ner	Acti		Daily	Cum.
								nd setting					1. Mob/Del	Mob		
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Total	Hours	5.0	_										Total		5	5
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MSC Exploration PPI Technology **Daily Completion Report** Services Contract Rig Union #7 Report Date Block, Lease and Well No. E. Crested Junction - Federal MSC #26-1 Completion Date Dec 20, 2004 AFE Amount Company Representative AFE No. MD TVD Footage 8,224 | 8,224 \$347,000 8,700 Carl Hulslander 435-220-0999 Present Operation Rig Phone: Toolpusher Conrad Tenney Laying down drill pipe Rig Fax: 435-220-0999 RIG ELEVATIONS NPDES Last BOP Test Date BLM Visit 20 People on Loc.: Problem? Yes No Pass? Wind: LC50 Sample Date 11 Next BOP Test Date Water Depth ft Contractor Seas: ☐ Yes ☐ No RKB-CHF CASING RECORD Liner Top ID TVD Jts. Run Casing String MD Run MD TVD Conductor LP 9 5/8" 7" STC 534' Air 32.3 H40 Surface L80 LTC 156 6,839 6,839' 8.8 Inermediate/Production 8.8 7" Inermediate/Production 23 P110 LTC 14 7.455 7,455

8224

Hrs

8224

Total Footage

7,381

WOB

7,381

Rpm

8.7

Avg ROP

Grade Bearing

Gage

Tooth

19

Cum. ROT. Hrs

Depth In

5"

BIT, WEIGHT, SPEED AND HYDRAULICS RECORD

Bit Type and

Manufacturer

Production Liner

Bit Remarks:

Size

P110

Serial Number

18

FJ

Dum.		ECHIII.	, (,,,,	Gals	parite:				- 31		Journ. Ot	Ÿ.	ψυ.	-,,, 00	
Daily		Daily Cum.		604 633	Gals Gals	Cemer Barite:				sx sx		Daily Co Cum. Co			5,568 5,738	
	Downtime	<u> </u>	Fuel (Jsage		Bulk M	laterial on	Board				Previous			9,170	
Tota	al Hours	24.0		J									iotai		1 24	1 28
		1	 	 									28. Other Total	·	24	29
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													26. Well (ļ	
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		ļ	 										18. Sidetr			
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	1		<u> </u>	 				· · · · · · · · · · · · · · · · · · ·					16. Run C		6.5	11
			ļ						·				15. Rig R			
													14. R/U; F			<u> </u>
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600	1700						0 psi. OK						5. Drilling	ino		
	ļ								ut job. 10	bbls retur	ned to su	rf.	4. Direction	nal Work		
									6, Halid 3				Circulat		2.5	2.
500	1600	1.0	2	Cemen	ting. Plu	g down	Float he	ld. Calc. (@ displac	ement. Ce	ement w/		2. Cemen	t	2	2
230	1500	2.5	3						7381'. Re				1. Mob/De	Mob		
		0.5	^{''}						tool. Fille			ls	Act	tivity	Daily	Cui
600	1230	6.5	16	Run 80	1' 19 ite	. 5" 18			t casing,	Baker CN	C liner		Curios.	Time Su	ımmary	
T ROM	IME TO	HOUR	Time Code	Boats:				oat Name: oat Name:					Status: Status:			
_	TIONS SU	MMARY											04			
				l												
	MD	fν	<u> </u>	AN	GLE) Ulr	ection	, Coore	dinates	 	j T	, UL		CLOS	UIL	
	IONAL SU				CLE	- Di-	action	Coor	linates		'S	DL		CLOS	URF	
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			l			L	#3	#4	Desilt	Mud CI		Cost			mulative C	
							#1	#2	Desand	Cent.	1	Jon Lymar	•	M-1	Drilling Flu	ıids
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ייט טו	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	pН	Pm	Pf/N
D DA																
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A ngth:		Descrip	tion:													
2	9 :	x 6	3.15				,					3/4				
1	9 :	x 6	3.15									1/2				
10.	Stroke	X Liner	Output gps	SPM	GPM	FIE	asure !	34	, r.s.	DC	DP	1/4	<u> </u>	1		
No.			Cuterist I	SPM	GPM	. Dra	ssure	J∨	Pb	A'	v	Speed	SPM	1 Pump #1 I	Pump #2	Pump

	<u>Servi</u>			93	D	aily	/ Co	mpl	etio	ation n Re	port					
E. 1		Lease an unction - F Foota	ederal M				Contract F Union # AFE Amor	7	DOL 3 Auth. TD.	<u>DF\$</u> 3	12/18/	2004	Completic Dec 18, Representat	2004	Repor Dec 21	
	8,224		Operation				\$347,000 Rig Phon)	43	8,700' 35-220-099	1	Toolpush				
			ng Down				Rig Fax:			35-220-099		C	onrad Tenne	-	ATIONS	
Current V Wind:	/eather	BLM \	/isit No		NPDES Sample	Date	_	on Loc.: rator	12	Last BOP	Test Date 2/11/2004		RKB	RIG ELEV		ft
Seas: Sky:		Problem?	Yes	Pass?	☐ Yas	□No		ractor rvice	11	Next BOP	Test Date		Water Depth RKB-CHF	1		ft
CASING R									Cotting	Donth	Liner	Ton	MW when		LOT	
Ca	sing Strir	ig	OD	Wt.	Grade	Conn.		Run	MD	Depth TVD	MD	TVD	Run	Pres	EMW	Leakoff?
Conductor Surface			16" 9 5/8"	32.3	LP H40	STC		1	37' 534'	37' 534'			Air Air			
nermediat nermediat			7"	26 23	L80 P110	LTC		56 14	6,839' 7,455'	6,839' 7,455'			8.8 8.8			
Production	Liner		5"	18	P110	FJ		19	8224'	8224'	7,381'	7,381'	8.7			
SIT. WEIG	HT, SPE	ED AND H	YDRAUL	ICS REC	ORD							L	<u> </u>			
BIT No	Size	Bit Type Manufa	e and		Number	v. meg	léts	Depth In	Total Footage	Hrs	WOB	Rpm	Avg ROP	Tooth	Grade Bearing	Gage

Bit Ren	narks;						Cum. F	ROT. Hrs	PU	Wt	SŌ	Wt	ROT	Wt	Tor	que
Pump			O. do. d	SPM	GPM	Bro	ssure	JV	Pb	A	V	Speed	SPM		Pump Pres Pump #2	
No.	Stroke	X Liner	Output gps	SFW	GFW		183UI G			DC	DP	1/4				
1 2		x 6	3.15 3.15									1/2 3/4				
BHA Length:		Descri	otion:													
MUD DAT	WT.	VIS	PV	ΥP	GELS	WL	НТНР	CAKE	SLDS %	LGS %	OIL %	SD %	мвт	рН	Pm	Pf/Mf
PIT						-	-									
-			<u> </u>		Smpl	F.L.	1		T				1			
PIT	Chlo	orides	Ca	3++	Temp	Temp	Shake	Screens #2	He Desand		lud Engine	er		<u> </u>	Aud Compa	ny
			<u></u>				#3	#4		Mud Cl	4	Jon Lyma / Cost	an		I Drilling Flumulative C	
DIRECTION	SAIAL BU	DVEVE			<u></u>										\$53	
M		TV	Ď	AN	IGLE	Di	rection	Coor	dinates	\	/S	DL		CLO:	SURE	
								1								
OPERAT TI	ΛE		Time	Boats:				Boat Name				_	Status:			
FROM 0600	TO 1200	HOUR 6.0	Code 14	Nipple	down ar	nd clear	Crew I	Boat Name nk	:				Status:	Time S	ummary	
							nrs. 12/20						Act	ivity Mob	Daily	Cum.
													2. Cemen			2
				Poloso	sed flare	line ian	itor						 Circulat Directio 		 	2.5
				Return	ed mud	produc	ts						5. Drilling			
			 	Return	ed 12 -	6" DCs	to Weath	nerford					6. Drive P 7. Fishing		1	
			1	ļ						******			8. OH Log 9. Lost Cir			
													10. Drill C	mt./LOT		
ļ			 										11. N.U./ I 12. P.U./L			
													13. P.U./L 14. R/U; F		6	12 6
				 									15. Rig R			
								* p	• • • • • • • • • • • • • • • • • • • •				16. Run C		ļ	11.5
		<u> </u>											18. Sidetr	ack Op.		
<u> </u>		-	<u> </u>	-	<u> </u>								19. Stuck 20. Surve			<u>L</u> .
			1	1									21. Trips 22. Tst. B			1
	<u></u>	L	1			*114							23. UR/H	0		
				ļ				-					24. W.O.\ 25. Wash		<u> </u>	
													26. Well (
			1	+			-	-					27, WOC 28, Other	<u> </u>	 	-
		<u> </u>											Total		6	35
	Hours wntime	6.0		Usage		_	Material or	n Board				Previou			5,738	
Daily Cum.		Daily Cum.		198 831	Gals Gals	Ceme Barite				SX SX		Daily C	ost		8,909 14,647	
												H	ニレトバ	vrI)		

PPI Technology Services
Block, Lease and Well No.

Total Hours Rig Downtime Daily

Daily

Fuel Usage

Bulk Material on Board Cement: Barite:

the stage of the

MSC Exploration
Daily Completion Report

| Contract Rig | DOL | DFS | Date on Location | Completion Date |

E		Junction - F			·1	Ì	Union #		4	4	12/18	/2004	Dec 18			2, 2004
MD	TVD	Foota	age	AFE	E No.		AFE Amo		Auth. TD.				Representa			
			10			<u> </u>	\$347,00		L	8,700'	00		arl Hulsland	er		
		Presen	t Operati	<u>on</u>			Rig Phon Rig Fax:			35-220-09 35-220-09		Toolpush	<u>er</u> Conrad Tenne	2V		
							itig i ax.			00 220 00		<u> </u>	JOHN GO TOTAL	-,		
Current	Weather	BLM \	√isit		NPDES		People	on Loc.:		Last BOP	Test Date			RIG ELEV	/ATIONS	
Wind:		Yes	U No		0 Sample	<u>Date</u>		erator			12/11/2004		RKB		15	ft
Seas: Sky:		Problem?	∐ Yes	Pass?		□No		tractor rvice		Next BOF	Test Date		Water Depti RKB-CHF	1		ft
	RECORD		NO	[Fass /	105	I 🗀 140	36	IVICE		<u> </u>			KKD-CHF			IL .
	Casing Stri	ng	OD	Wt.	Grade	Conn.	Jts.	. Run		Depth		Тор	MW when		LOT	
Conducto			16"		LP			4	MD 37'	1VD 37'	MD	TVD	Run Air	Pres	EMW	Leakoff?
Surface	<u>"</u>		9 5/8"	32.3	H40	STC		1 12	534'	534'			Air			
Inermedia	ate/Produc		· 7"	26	L80	LTC		156	6,839'	6,839'			8.8			
Inermedia Productio	ate/Produc	tion	7" 5"	23 18	P110 P110	LTC FJ		14 19	7,455' 8224'	7,455' 8224'	7,381'	7,381'	8.8 8.7			
Froductio	ii Liilei		<u> </u>		1 - 110	- '	t	13	0224	0224	7,501	7,301	0.7			
BIT, WEI	SHT, SPE	ED AND H		ICS REC	CORD	en jarana.	- W		Total	· ·			Avg	,	Grade	
No	Size	Manufa		Serial	Number		Jets	Depth in	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
											ļ					
Bit Re	marks:			<u> </u>		<u> </u>	Cum F	ROT. Hrs	PU	Wt	SO	Wt	ROT	Wt	Tot	que
Divito	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,															
Pump No.	Steaka	X Liner	Output	SPM	GPM	Pre	essure	JV	Pb		\V	Speed	SPM	Slow Pump #1	Pump Pres Pump #2	Sures
140.	SUORE	A Linei	gps	0, ,,,						DC	DP	1/4	<u> </u>	, amp , c	r ump #=	, ap ,, c
1		x 6	3.15									1/2				
2 BHA	9	x 6	3.15		<u> </u>			<u> </u>	<u> </u>		į	3/4	<u> </u>		L	
Length:		Descrip	otion:											· · · · · · · · · · · · · · · · · · ·		
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MUD DA																
MOD DA	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	мвт	pН	Pm	Pf/Mf
PIT	.,,,,	V10	<u> </u>	<u> </u>	, OLLO	1,1,5		- OANE	OLDO 76	1 200 %	J 012 /8	05 /	11101	P11		1 4444
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 	· · · · ·			· · · · · ·	Smpl] F.L.	·		Τ				τ			
	Chk	orides	Ca	a++	Temp	Temp	Shaker	Screens	Ho	urs N	Aud Engine	er		N	lud Compa	пу
PIT							#1	#2	Desand	Cent.	-				. D.: W 50	.tata
	L		Щ.		<u> </u>	<u> </u>	#3	#4	Desilt	Mud CI		Jon Lyma Cost	<u> </u>		Drilling Flui Imulative C	
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	10110 011	4444								<u> </u>						
-	IONS SU	MARY	Time	Boats:			Supply B	loat Name:					Status:	.		
FROM	то	HOUR	Code	Douts.				oat Name:		-		-	Status:			
0600	1800	12.0		RD Uni	ion #7									Time Su		
	ļ			L									Acti		Daily	Cum.
<u> </u>	$\vdash \vdash \vdash$	1	ļ. —			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	I and rigo	ged down					1. Mob/De			
<u> </u>			\vdash		released		mudologe	ner releas	ad	· · · · · · · · · · · · · · · · · · ·			CementCirculate		-	2.5
			 					released					4. Direction			2.5
							ed bits re						5. Drilling			
								dway Tire),				6. Drive Pi	ре		
				3- 8 3/4	4" one us	sable, 1	<u>- 8 1/8" r</u>	erunable,	1- 12 1/4	button b	it rerunab	le	7. Fishing			
<u> </u>	 	<u> </u>	 	Territ	for 4 0 **	(8 == 1 4	4/011 .		4- le -: "				8. OH Log			
			\vdash				d back th	may get	to location	tonignt			9. Lost Circ 10. Drill Cr			
			†	U 1/2 L	Je Will D	o nault	u pack (I	12/20					11. N.U./ N			
				Will lea	ıve 3 trai	lers on	location	and one K	Cristys ger	erator			12. P.U./L.			
													13. P.U./L.			12
ļ		ļ	 	 			,						14. R/U; R		<u> </u>	6
ļ	 	ļi	 										15. Rig Re		<u> </u>	11.5
 			—	\vdash				<u> </u>					16. Run Ca 17. Service		1	11.5
				†									18. Sidetra			<u> </u>
					 -								19. Stuck			
													20. Survey			
ļ		ļ	ļ	 	·		.						21. Trips		ļ	1
ļ		 	 	 			<u>. </u>		· · · · · · ·				22. Tst. BC			
	$\vdash \vdash \vdash$	<u> </u>	1	-									23. UR/HC		 	

\$114,647 \$30,095 \$144,742 RECEIVED

25. Wash & Ream 26. Well Control 27. WOC 28. Other

MAY 2 5 2005

Previous Cost Daily Cost Cum. Cost

SX SX

	PPI Tech Serv	nology ices	7		C) ail	MSC y Co	Ex	plor letio	atio n Re	n epor	t				
-		ck, Lease a Junction - I			.1		Contract Union #		DOL 5	DFS 5		Location 3/2004	Complet Dec 18	ion Date		rt Date 3, 2004
MD 8,224	TVD 8,224	Foot		AF	No.		AFE Amo \$347,00	unt	Auth. TD.	8,700'	12/10	Compan	Representa	ative) Dec 2	3, 2004
	1		t Operati Union #7	<u> </u>		<u> </u>	Rig Phor			35-220-09 35-220-09		Toolpust	er			
<u> </u>							Rig Fax:			33-220-09	133		Conrad Tenn	еу		
=	Weather	BLM		105	NPDES	5-4-		on Loc.:		Last BOF	Test Date		l nive	RIG ELE		
Wind: Seas:		Yes Problem?	✓ No Yes) Sample	Date	· ·	erator tractor		Next BO	12/11/200 P Test Date		RKB Water Dept	h	15	ft
Sky:	DECORD		☐ No	Pass?	Yes	□No	Se	rvice					RKB-CHF			ft
	RECORD Casing Str		OD	Wt.	Grade	Conn.	Jts	. Run	Setting MD	Depth TVD	Line MD	r Top TVD	MW when Run	Pres	LOT EMW	Leakoff?
Conducto Surface	or		16" 9 5/8"	32:3	LP H40	STC		1	37' 534'	37' 534'			Air Air			
	ate/Produc	ction	7"	26	L80	LTC		56	6,839'	6,839'	<u>† </u>	 	8.8	1		
Inermedi Productio	ate/Produc	ction	7" 5"	23	P110	LTC FJ		14 19	7,455'	7,455'	7.0041	7 0041	8.8	-		
Productio	on Liner		3	18	P110	FJ		19	8224'	8224'	7,381'	7,381'	8.7			
BIT. WEI	GHT. SPE	ED AND H	YDRAUL	LICS RE	CORD							L			<u> </u>	<u> </u>
BIT		Bit Typ	e and				``	T	Total		T	_	Avg		Grade	
No.	Size	Manufa	cturer	Serial	Number		Jets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
Bit Re	marks:			L		l	Cum. F	ROT. Hrs	PU	Wt	sc	Wt	ROT	ΓWt	To	rque
Pump	1		· ·				1	<u> </u>	<u> </u>	1	1	1			Pump Pres	
No.	Stroke	X Liner	Output	SPM	GPM	Pre	essure	JV	Pb	DC	AV T DP	Speed 1/4	SPM	Pump #1	Pump #2	Pump #3
1	9	x 6	gps 3.15		1		•	-			l Dr	1/2			 	
2	9	x 6	3.15									3/4				
BHA Length:		Descri	ntion:													
Longui.		Doson	puon.													
MUD DA	,			,	,			······							-	
PIT	. WT,	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	l pH	Pm	Pf/Mf
					<u> </u>			1								
					Const		1		,				·	•		
	Chi	orides	Ca	3++	Smpl Temp	F.L. Temp	Shaker	Screens	Ho	ours 1	Mud Engine	er ee		١ ,	/lud Compa	пу
PIT							#1	#2	Desand	Cent.						
	L		<u> </u>		J	L	#3	#4	Desilt	Mud Cl	Daily	Jon Lyma / Cost	<u>n</u>		I Drilling Flu umulative C	
		B1/E1/A												l	\$ 53	
	ONAL SU	RVEYS	D	AN	GLE	Dir	ection	Coord	dinates	١ ،	vs	DL	T	CLOS	SURE	
OPERAT	TIONS SU	MMARY						<u> </u>			<u> </u>	l				
	ME		Time	Boats:			Supply B	oat Name:					Status:			
FROM	TO	HOUR	Code				Crew B	oat Name:					Status:			
0600	0600			Rig cor	ntinues to	move	off locati	on					Acti		ummary Daily	Cum.
								emoved fr	om locatio	on			1. Mob/De		Daily	001111
					e pit rea								2. Cement			2
ļ		<u> </u>	ļ	5" liftin	g subs a	nd hand	dling tool	s sent to S	SAIA for re	eturn to C	dessa		3. Circulat		ļ	2.5
	ļ	<u> </u>				· · · · · · · · · · · · · · · · · · ·		-					4. Direction 5. Drilling	nal Work	 	
<u> </u>		 		 		-							6. Drive Pi	pe		
													7. Fishing			
				ļ									8. OH Log			
	}			ļ				-					9. Lost Cir		ļ	
	 	 		├									10. Drill Cr		ļ	
	 	-			•								11. N.U./ N 12. P.U./L.			
													13. P.U./L.			12
							-,						14. R/U; R			6
ļ				 		*	1 7						15. Rig Re		-	
<u> </u>			-	 									16. Run C			11.5
				 			*						18. Sidetra			
													19. Stuck I			
<u> </u>			ļ										20. Survey	<u> </u>		
ļ			-	 	:								21. Trips 22. Tst. B0)Pe	 	1
			†	<u> </u>				·					23. UR/HC			

RECEIVED

Fuel Usage

Bulk Material on Board

Rig Downtime

Previous Cost Daily Cost Cum. Cost

24. W.O.W. 25. Wash & Ream 26. Well Control 27. WOC 28. Other

35

\$144,742 \$9,970 \$154,712



MSC Exploration

Daily Completion Report

	Serv	ices	L	Jany Comp	neuo	II KE	sport		
	Bloo	k, Lease and Well N	٥.	Contract Rig	DOL	DFS	Date on Loca	ation Completion Date	Report Date
E	. Crested	Junction - Federal M	SC #26-1	Union #7	6	6	12/18/200	Dec 18, 2004	Dec 24, 2004
MD	TVD	Footage	AFE No.	AFE Amount	Auth. TD.		Cor	mpany Representative	
8,224	8,224			\$347,000		8,700'	1	Carl Hulslander	
		Present Operation	<u>on</u>	Rig Phone:	4	35-220-099	99 <u>Toc</u>	olpusher	
		RD Union Rig #	7 🕾	Rig Fax:	4	35-220-099	99	Conrad Tenney	

8,224 8,224	D-22-27	. 0	<u></u>			\$347,000			8,700	10		Jari Huisland			
		t Operation Rig #				Rig Phon Rig Fax:	ne:		35-220-099 35-220-099		Toolpush (<u>ter</u> Conrad Tenn	ev		
Current Weather	BLM \			NPDES			on Loc.:	1	Last BOP				RIG ELEV		
Wind:	☐ Yes	∐ No	LC50	Sample	<u>Date</u>		erator	1		2/11/2004		RKB		15	ft
Seas:	Problem?	Yes	D===2	l Van	☐ No		tractor		Next BOP	Test Date	······································	Water Dept	n		ft
Sky: ASING RECOR		<u> </u>	Pass?	res	<u> </u>	30	rvice	<u> </u>				RKB-CHF			11
Casing S		OD	Wt.	Grade	Conn.	l ite	Run	Setting	Depth	Line	Тор	MW when		LOT	
Casing S	11119	OB	***.	Grade	COIIII.] ""	. IXuII	MD	TVD	MD	TVD	Run	Pres	I EMW	Leakoff
onductor		16"		LP			1	37'	37'	1110		Air	1,00		
urface		9 5/8"	32.3	H40	STC		12	534'	534'			Air			
ermediate/Produ	ction	7"	26	L80	LTC	1	56	6,839'	6,839'			8.8			
ermediate/Produ	ction	7"	23	P110	LTC		14	7,455'	7,455'			8.8			
oduction Liner		5*	18	P110	FJ	1 10 1	19	8224'	8224'	7,381'	7,381'	8.7			_
			<u> </u>		<u> </u>	ļ		<u> </u>				ļ	<u> </u>		ļ
T, WEIGHT, SP	EEO AND U	VDDAIII	ICC DE	OPP		ļ	, 	l				I.,	<u>. </u>		<u> </u>
BIT	Bit Type		ICS REC	JUND			 	Total		-	1	Avg		Grade	
No Size	Manufac		Serial	Number		lets ····	Denth In	Footage	Hrs	wos	Rpm	ROP	Tooth	Bearing	Gage
1 0.20	 		1	tunibo.	-		- Coptin and	Tooluge			1 (5)	1 114			1
	 					-	1					l			
Bit Remarks:			•			Cum. F	ROT. Hrs	PU	Wt	so	Wt	RO1	Wt	Tor	que
					N .										
ımp		A	2011	0011				F.				0014		Pump Pres	
No. Strok	e X Liner	Output	SPM	GPM	Pre	essure	JV	Pb	A A		Speed	SPM	Pump #1	Pump #2	Pump #
		gps					<u> </u>		DC	DP	1/4	ļ			
	9 x 6	3.15 3.15									1/2 3/4			-	
	9 x 6	3.13	<u> </u>	<u> </u>	<u> </u>						3/4	J	<u> </u>	<u>. </u>	<u> </u>
HA ength:	Descrip	411													
WT.	VIS	PV	ΥP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	pΗ	Pm	Pf/Mf
T		ļ				1									
		1				 	<u> </u>								
		l	L												
IT C			l	Smpl	F.L.	Chalcas									
''	lorides	Ca	1++	Smpl Temp	F.L. Temp		Screens			lud Engine	er			Mud Compa	
	lorides	Ca	3++			Shaker	Screens #2	Ho Desand					, N	Aud Compa	ny
1	lorides	Ca	3++			#1	#2	Desand	Cent.		Jon Lyma	in	M-	Aud Compa	ny
i	lorides	Ca	3++									in	M-	Aud Compa	ny
RECTIONALS		Ca	3++			#1	#2	Desand	Cent.		Jon Lyma	in	M-	Aud Compa I Drilling Fluumulative C	ny
RECTIONAL S					Temp	#1	#2	Desand	Cent. Mud Cl		Jon Lyma		M- Cr	Aud Compa I Drilling Fluumulative C	ny
	JRVEYS			Temp	Temp	#1	#2	Desand Desilt	Cent. Mud Cl	Daily	Jon Lyma Cost	in	M- Cr	Mud Compa I Drilling Flu umulative C \$53	ny
MD	URVEYS TVI			Temp	Temp	#1	#2	Desand Desilt	Cent. Mud Cl	Daily	Jon Lyma Cost		M- Cr	Mud Compa I Drilling Flu umulative C \$53	ny
MD PERATIONS SU	URVEYS TVI	D	AN	Temp	Temp	#1 #3 ection	#2 #4 Coord	Desand Desilt	Cent. Mud Cl	Daily	Jon Lyma Cost		M- Cr	Mud Compa I Drilling Flu umulative C \$53	ny
MD PERATIONS SU	URVEYS TVI	Time	AN Boats:	Temp	Temp	#1 #3 ection	#2 #4 Coord	Desand Desilt	Cent. Mud Cl	Daily	Jon Lyma Cost	Status:	M- Cr	Mud Compa I Drilling Flu umulative C \$53	ny
MD PERATIONS SU TIME FROM TO	URVEYS TVI	D	AN Boats:	Temp	Temp	#1 #3 ection Supply B Crew B	#2 #4 Coord	Desand Desilt	Cent. Mud Cl	Daily	Jon Lyma Cost		M- CLOS	Mud Compa I Drilling Flu umulative C \$53 SURE	ny
MD PERATIONS SU TIME FROM TO	URVEYS TVI	Time	Boats:	GLE down U	Dir	#1 #3 ection Supply B Crew B ig #7.	#2 #4 Coord	Desilt dinates	Cent. Mud Ci	Daily	Jon Lyma Cost	Status: Status:	M- CLOS	Mud Compa	ny uids ost
MD PERATIONS SU TIME ROM TO	URVEYS TVI	Time	AN Boats: Rigging Remov	GLE down U	Dir	#1 #3 ection Supply B Crew B ig #7.	#2 #4 Coord coat Name: coat Name:	Desilt dinates	Cent. Mud Ci	Daily	Jon Lyma Cost	Status: Status:	M-CCOS	Mud Compa I Drilling Flu umulative C \$53 SURE	ny uids ost
MD PERATIONS SU TIME ROM TO	URVEYS TVI	Time	Boats: Rigging Remov Moved	GLE down U ed BOP out sand	Dir	#1 #3 ection Supply B Crew B ig #7. ubstructul	#2 #4 Coord coat Name: coat Name:	Desilt dinates	Cent. Mud Ci	Daily	Jon Lyma Cost	Status: Status: Act 1. Mob/De	M-CCOS	Mud Compa	ny uids ost Cum.
MD PERATIONS SU TIME ROM TO	URVEYS TVI	Time	Boats: Rigging Remov Moved	GLE down U	Dir	#1 #3 ection Supply B Crew B ig #7. ubstructul	#2 #4 Coord coat Name: coat Name:	Desilt dinates	Cent. Mud Ci	Daily	Jon Lyma Cost	Status: Status: Act 1. Mob/De 2. Cement	M-CCOS	Mud Compa	oids cost Cum.
MD PERATIONS SU TIME FROM TO	URVEYS TVI	Time	Boats: Rigging Remov Moved	GLE down U ed BOP out sand	Dir	#1 #3 ection Supply B Crew B ig #7. ubstructul	#2 #4 Coord coat Name: coat Name:	Desilt dinates	Cent. Mud Ci	Daily	Jon Lyma Cost	Status: Status: Act 1. Mob/De 2. Cement 3. Circulat	Time Si	Mud Compa	ny uids ost Cum.
MD PERATIONS SU TIME FROM TO	URVEYS TVI	Time	Boats: Rigging Remov Moved	GLE down U ed BOP out sand	Dir	#1 #3 ection Supply B Crew B ig #7. ubstructul	#2 #4 Coord coat Name: coat Name:	Desilt dinates	Cent. Mud Ci	Daily	Jon Lyma Cost	Status: Status: Act 1. Mob/De 2. Cement 3. Circulat 4. Directio	Time Si	Mud Compa	oids cost Cum.
MD PERATIONS SU TIME FROM TO	URVEYS TVI	Time	Boats: Rigging Remov Moved	GLE down U ed BOP out sand	Dir	#1 #3 ection Supply B Crew B ig #7. ubstructul	#2 #4 Coord coat Name: coat Name:	Desilt dinates	Cent. Mud Ci	Daily	Jon Lyma Cost	Status: Status: Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling	Time Sivity Mob	Mud Compa	oids cost Cum.
MD PERATIONS SU TIME FROM TO	URVEYS TVI	Time	Boats: Rigging Remov Moved	GLE down U ed BOP out sand	Dir	#1 #3 ection Supply B Crew B ig #7. ubstructul	#2 #4 Coord coat Name: coat Name:	Desilt dinates	Cent. Mud Ci	Daily	Jon Lyma Cost	Status: Status: Act 1. Mob/De 2. Cement 3. Circulat 4. Directio	Time Sivity Mob	Mud Compa	oids cost Cum.
MD PERATIONS SU TIME FROM TO	URVEYS TVI	Time	Boats: Rigging Remov Moved	GLE down U ed BOP out sand	Dir	#1 #3 ection Supply B Crew B ig #7. ubstructul	#2 #4 Coord coat Name: coat Name:	Desilt dinates	Cent. Mud Ci	Daily	Jon Lyma Cost	Status: Status: Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling	Time Sivity Mob	Mud Compa	oids cost Cum.
MD PERATIONS SU TIME FROM TO	URVEYS TVI	Time	Boats: Rigging Remov Moved	GLE down U ed BOP out sand	Dir	#1 #3 ection Supply B Crew B ig #7. ubstructul	#2 #4 Coord coat Name: coat Name:	Desilt dinates	Cent. Mud Ci	Daily	Jon Lyma Cost	Status: Status: Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing	Time Solivity Mob	Mud Compa	oids cost Cum.
MD PERATIONS SU TIME FROM TO	URVEYS TVI	Time	Boats: Rigging Remov Moved	GLE down U ed BOP out sand	Dir	#1 #3 ection Supply B Crew B ig #7. ubstructul	#2 #4 Coord coat Name: coat Name:	Desilt dinates	Cent. Mud Ci	Daily	Jon Lyma Cost	Status: Status: Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log	Time Solivity Mob e e nal Work	Mud Compa	oids cost Cum.
PERATIONS SU TIME FROM TO 0600 0600	URVEYS TVI	Time	Boats: Rigging Remov Moved	GLE down U ed BOP out sand	Dir	#1 #3 ection Supply B Crew B ig #7. ubstructul	#2 #4 Coord coat Name: coat Name:	Desilt dinates	Cent. Mud Ci	Daily	Jon Lyma Cost	Status: Status: Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir	Time Si ivity Mob	Mud Compa	oids cost Cum.
PERATIONS SI TIME FROM TO 0600 0600	URVEYS TVI	Time	Boats: Rigging Remov Moved	GLE down U ed BOP out sand	Dir	#1 #3 ection Supply B Crew B ig #7. ubstructul	#2 #4 Coord coat Name: coat Name:	Desilt dinates	Cent. Mud Ci	Daily	Jon Lyma Cost	Status: Status: Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log	Time Solivity Mob e enal Work ipe gging c. mt./LOT	Mud Compa	cum.

FRUM	10	HOUR	Code		Crew Boat Name.			Status.		
0600	0600			Rigging down U	nion Rig #7.			Time Su	mmary	
					from substructure. Installed wellhead	i.		Activity	Daily	Cum.
				Moved out sand	control equipment.			1. Mob/DeMob		
				Moved mud tan				2. Cement		2
								3. Circulate		2.5
								4. Directional Work		
								5. Drilling		
								6. Drive Pipe		
								7. Fishing		
								8. OH Logging		
								9. Lost Circ.		
								10. Drill Cmt./LOT		
								11. N.U./ N.D.		
								12. P.U./L.D. BHA		
								13. P.U./L.D. Pipe		12
								14. R/U; R/D		6
								15. Rig Repair		
								16. Run Casing		11.5
								17. Service Rig		
								18, Sidetrack Op.		
								19. Stuck Pipe		
								20. Survey		
				<u> </u>				21. Trips		1
								22. Tst. BOPs		<u> </u>
								23. UR/HO		
								24. W.O.W.		
								25. Wash & Ream		
								26. Well Control		
								27. WOC		
								28. Other		
				ļ				Total		35
Total			L							
Rig Do	wntime	Daily	Fuel U	sage Gals	Bulk Material on Board Cement:		Previous Daily Cos			
Daily			•	Gais	rcement: S	sx	Daliv Cos	39.	97U	

RECEIVED

MSC Exploration Daily Completion Report PPI Technology Services Block, Lease and Well No. E. Crested Junction - Federal MSC #26-1 Completion Date Dec 18, 2004 Date on Location Union #7 12/18/2004 AFE No. AFE Amount Company Representative TVD MD Footage 8,700' 435-220-0999 8,224 8,224 \$347,000 Carl Hulslander Toolpusher Conrad Tenney Present Operation Rig Phone: 435-220-0999 Rig Fax: WO completion rig BLM Visit NPDES Last BOP Test Date Current Weather People on Loc.:

Report Date

Dec 25, 2004

Wind:	veauter	Yes	No	LC50	Sample I	Date	Ope	rator	1	1	2/11/2004		RKB		15	ft
Seas:		Problem?	Yes				Conti	ractor		Next BOP	Test Date		Water Depth	1		ft
Sky:			☐ No	Pass?	Yes	☐ No	Ser	vice					RKB-CHF			ft
CASING F	RECORD													_		
С	asing Stri	ng	OD	Wt.	Grade	Conn.	Jts.	Run	_	Depth	Liner		MW when	5	LOT	Leakoff?
									MD	TVD	MD	TVD	Run	Pres	EMW	Leakon
Conductor	r		16"		LP			1	37' 534'	37' 534'			Air Air			
Surface			9 5/8"	32.3	H40	STC		2	6,839'	6,839'			8.8			
Inermedia			7"	26	L80 P110	LTC		56 4	7,455	7,455'			8.8			
Inermedia Production		uon	7" 5"	23 18	P110	FJ		9	8224'	8224'	7,381'	7,381'	8.7			-
Production	n Liner		<u> </u>	-10	7 110		<u></u>				.,,			-		
BIT, WEI	GHT, SPE	ED AND H	YDRAUL	ICS REC	ORD											
BIT		Bit Typ							Total				Avg		Grade	
No	Size	Manufa	cturer	Serial N	lumber	J	ets	Depth in	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
								ļ								
57.5				<u> </u>		L	Cum B	OT. Hrs	Pil	Wt	so	Wt	ROT	Wi	Tor	que
Bit Rer	marks:					-	Cuiii. IV	01.1113	 	***		***				
Pump				r										Slow	Pump Pres	sures
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	JV	Pb		V	Speed	SPM	Pump #1	Pump #2	Pump #3
			gps				2 7 7 2 -	<u> </u>		DC	DP	1/4		-		
1	9	x 6	3.15									1/2				
2	9	x 6	3.15					L	<u> </u>	L		3/4	L	<u> </u>	l	
ВНА					<u> </u>											
Length:		Descri	ption:													
ļ				·							· · · · · ·					
L.	Ť A											-				
MUD DA			T		25.2		4.505	CAUE	OLDO N	1.00 %	01.0/	SD #/	мвт	pН	Pm	Pf/Mf
	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLUS %	LGS %	OIL %	SD %	MOI	PIT	F 1/1	, wivit
PIT	<u> </u>	<u> </u>	 	}		ļ	 	 	 		 	 		 	 	
ļ <u> </u>	L	<u> </u>	<u> </u>	<u> </u>	<u> </u>	L	<u> </u>		I	1	<u> </u>	L			1	1
	r				Smpl	FL	T		T					T		
1	Chi	orides	C	a++	Temp	Temp	Shaker	Screens	Н	ours M	lud Engine	er		. N	lud Compa	ny
PIT						1	#1	#2	Desand	Cent.						
												Jon Lyma	n		I Drilling Fl	
							#3	#4	Desilt	Mud Cl	Daily	Cost		Cı	umulative C \$53	ost
			***				<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		k	<u> </u>	4 00	
	ONAL SU	RVFYS											_	2. 2.	SUDE	
				I AN	CLE	Die	action	Coor	dinatas	1 1	/9	וח	2	CLOS		
	1D	TV	D	AN	GLE	Dir	ection	Coor	dinates	`	/\$ 	DL	<u> </u>	CLOS	OUKE	
			Ď.	AN	GLE	Dir	ection	Coor	dinates	\	/s	DL		CLOS		
M	1D	TV	Ó	AN	GLE	Dir	ection	Coor	dinates	\	/s	DL		CLOS	OURE	
OPERAT	1D	TV	D Time	Boats:	GLE	Dir	Supply B	oat Name			/s	DL	Status:	CLOS	OURE	
OPERAT	IONS SU	TV			GLE	Dir	Supply B				/s 	DL	Status: Status:			
OPERAT	IONS SU	MMARY	Time	Boats:	Rig #7 of	ff location	Supply B Crew B	oat Name			/s	DL	Status:	Time S	ummary	
OPERAT TII FROM	IONS SU	MMARY	Time	Boats:	Rig #7 of	ff location	Supply B Crew B	oat Name			/S	DL	Status: Act	Time Si		Cum.
OPERAT TII FROM	IONS SU	MMARY	Time	Boats: Union f All drill	Rig #7 of	ff location	Supply B Crew B	oat Name			/S	DL	Status:	Time Si	ummary	Cum.
OPERAT TII FROM	IONS SU	MMARY	Time	Boats: Union f All drill Reserv	Rig #7 of pipe and e pit fen	ff location	Supply B Crew B	oat Name loat Name off location			/S	DL	Status: Act	Time Si iivity eMob	ummary	2
OPERAT TII FROM	IONS SU	MMARY	Time	Boats: Union f All drill Reserv	Rig #7 of pipe and e pit fen	ff location	Supply B Crew B on ollars are	oat Name loat Name off location			/S	DL	Status: Act 1. Mob/De	Time Sivity	ummary	
OPERAT TII FROM	IONS SU	MMARY	Time	Boats: Union f All drill Reserv	Rig #7 of pipe and e pit fen	ff location	Supply B Crew B on ollars are	oat Name loat Name off location			/S	DL	Status: Act 1. Mob/De 2. Cemen	Time Si iivity eMob t	ummary	2
OPERAT TII FROM	IONS SU	MMARY	Time	Boats: Union f All drill Reserv	Rig #7 of pipe and e pit fen	ff location	Supply B Crew B on ollars are	oat Name loat Name off location			//5	- DL	Status: Act 1. Mob/De 2. Cemen 3. Circulat	Time Si iivity Mob t te	ummary	2
OPERAT TII FROM	IONS SU	MMARY	Time	Boats: Union f All drill Reserv	Rig #7 of pipe and e pit fen	ff location	Supply B Crew B on ollars are	oat Name loat Name off location			/8	DL	Act 1. Mob/De 2. Cemen 3. Circulat 4. Direction	Time Si ivity Mob t te onal Work	ummary	2
OPERAT TII FROM	IONS SU	MMARY	Time	Boats: Union f All drill Reserv	Rig #7 of pipe and e pit fen	ff location	Supply B Crew B on ollars are	oat Name loat Name off location			//8	DL	Act 1. Mob/De 2. Cemen 3. Circulat 4. Directio 5. Drilling	Time Si ivity Mob t te na! Work	ummary	2
OPERAT TII FROM	IONS SU	MMARY	Time	Boats: Union f All drill Reserv	Rig #7 of pipe and e pit fen	ff location	Supply B Crew B on ollars are	oat Name loat Name off location			//8	DL	Act 1. Mob/De 2. Cemen 3. Circulat 4. Directic 5. Drilling 6. Drive P 7. Fishing	Time Si ivity Mob t te na! Work	ummary	2
OPERAT TII FROM	IONS SU	MMARY	Time	Boats: Union f All drill Reserv	Rig #7 of pipe and e pit fen	ff location	Supply B Crew B on ollars are	oat Name loat Name off location			//8	DL	Act 1. Mob/De 2. Cemen 3. Circulat 4. Directic 5. Drilling 6. Drive P	Time Si ivity Mob t te ona! Work lipe	ummary	2
OPERAT TII FROM	IONS SU	MMARY	Time	Boats: Union f All drill Reserv	Rig #7 of pipe and e pit fen	ff location	Supply B Crew B on ollars are	oat Name loat Name off location			//8	DL	Act 1. Mob/De 2. Cemen 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir	Time Si ivity Mob t te na! Work ipe	ummary	2
OPERAT TII FROM	IONS SU	MMARY	Time	Boats: Union f All drill Reserv	Rig #7 of pipe and e pit fen	ff location	Supply B Crew B on ollars are	oat Name loat Name off location			//8	DL	Act 1. Mob/De 2. Cemen 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Ci 10. Drill C	Time Sizivity BMob t te mal Work lipe aging rc. mt./LOT	ummary	2
OPERAT TII FROM	IONS SU	MMARY	Time	Boats: Union f All drill Reserv	Rig #7 of pipe and e pit fen	ff location	Supply B Crew B on ollars are	oat Name loat Name off location			/8	DL	Act 1. Mob/De 2. Cemen 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Ci 10. Drill C 11. N.U./	Time Si ivity Mob te te onal Work lipe oging rc. mt./LOT N.D.	ummary	2
OPERAT TII FROM	IONS SU	MMARY	Time	Boats: Union f All drill Reserv	Rig #7 of pipe and e pit fen	ff location	Supply B Crew B on ollars are	oat Name loat Name off location			/8	DL	Act 1. Mob/De 2. Cemen 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Ci 10. Drill C 11. N.U./ 12. P.U./L	Time Sivity Mob t te mal Work lipe gging rc. mt./LOT N.D.	ummary	2
OPERAT TII FROM	IONS SU	MMARY	Time	Boats: Union f All drill Reserv	Rig #7 of pipe and e pit fen	ff location	Supply B Crew B on ollars are	oat Name loat Name off location			/8	DL	Act 1. Mob/De 2. Cemen 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Ci 10. Drill C 11. N.U./ 12. P.U./L	Time Sivity Mob t te mal Work lipe gging rc. mt./LOT N.DD. BHAD. Pipe	ummary	2 2.5
OPERAT TII FROM	IONS SU	MMARY	Time	Boats: Union f All drill Reserv	Rig #7 of pipe and e pit fen	ff location	Supply B Crew B on ollars are	oat Name loat Name off location				DL	Act 1. Mob/De 2. Cemen 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Ci 10. Drill C 11. N.U./ 12. P.U./L 13. P.U./L 14. R/U; F	Time Sivity Mob t te pna! Work lipe gging rc. mt./LOT N.D. D. BHA D. Pipe	ummary	2 2.5
OPERAT TII FROM	IONS SU	MMARY	Time	Boats: Union f All drill Reserv	Rig #7 or pipe and e pit fening locat	ff locatie	Supply B Crew B on on ollars are completic	oat Name loat Name off location				DL	Act 1. Mob/De 2. Cemen 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Ci 10. Drill C 11. N.U./ 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig R	Time Sivity Mob t te pna! Work lipe gging rc. mt./LOT N.D. D. BHA D. Pipe R/D epair	ummary	2 2.5
OPERAT TII FROM	IONS SU	MMARY	Time	Boats: Union f All drill Reserv	Rig #7 or pipe and e pit fening locat	ff location	Supply B Crew B on on ollars are completic	oat Name loat Name off location				DL	Act 1. Mob/De 2. Cemen 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Ci 10. Drill C 11. N.U./ 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig R 16. Run C	Time Sivity Mob t te pna! Work lipe gging rc. mt./LOT N.D. D. BHA D. Pipe R/D epair Casing	ummary	2 2.5
OPERAT TII FROM	IONS SU	MMARY	Time	Boats: Union f All drill Reserv	Rig #7 or pipe and e pit fening locat	ff locatie	Supply B Crew B on on ollars are completic	oat Name loat Name off location				DL	Act 1. Mob/De 2. Cemen 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Ci 10. Drill C 11. N.U./ 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig R 16. Run C 17. Service	Time Sivity Mob t te ma! Work lipe gging rc. mt./LOT N.D. D. BHA D. Pipe R/D epair Casing te Rig	ummary	2 2.5
OPERAT TII FROM	IONS SU	MMARY	Time	Boats: Union f All drill Reserv	Rig #7 or pipe and e pit fening locat	ff locatie	Supply B Crew B on on ollars are completic	oat Name loat Name off location				DL	Act 1. Mob/De 2. Cemen 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Ci 10. Drill C 11. N.U./ 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig R 16. Run C 17. Servic 18. Sidetr	Time Sivity Mob t te ma! Work lipe gging rc. mt./LOT N.D. D. BHA D. Pipe R/D epair Casing ce Rig cack Op.	ummary	2 2.5
OPERAT TII FROM	IONS SU	MMARY	Time	Boats: Union f All drill Reserv	Rig #7 or pipe and e pit fening locat	ff locatie	Supply B Crew B on on ollars are completic	oat Name loat Name off location				DL	Act 1. Mob/De 2. Cemen 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Ci 10. Drill C 11. N.U./ 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig R 16. Run C 17. Servic 18. Sidetr 19. Stuck	Time Sivity Mob t te ponal Work lipe gging rc. mt./LOT N.D. D. Pipe R/D epair casing ce Rig cack Op. Pipe	ummary	2 2.5
OPERAT TII FROM	IONS SU	MMARY	Time	Boats: Union f All drill Reserv	Rig #7 or pipe and e pit fening locat	ff locatie	Supply B Crew B on on ollars are completic	oat Name loat Name off location				DL	Act 1. Mob/De 2. Cemen 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Ci 10. Drill C 11. N.U./ 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig R 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve	Time Sivity Mob t te ponal Work lipe gging rc. mt./LOT N.D. D. Pipe R/D epair casing ce Rig cack Op. Pipe	ummary	2 2.5 2.5 12 6
OPERAT TII FROM	IONS SU	MMARY	Time	Boats: Union f All drill Reserv	Rig #7 or pipe and e pit fening locat	ff locatie	Supply B Crew B on on ollars are completic	oat Name loat Name off location				DL	Act 1. Mob/De 2. Cemen 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Ci 10. Drill C 11. N.U./ 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig R 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips	Time Sivity Mob t te ponal Work lipe gging rc. mt./LOT N.DD. BHAD. Pipe R/D epair casing ce Rig cack Op. Pipe	ummary	2 2.5
OPERAT TII FROM	IONS SU	MMARY	Time	Boats: Union f All drill Reserv	Rig #7 or pipe and e pit fening locat	ff locatie	Supply B Crew B on on ollars are completic	oat Name loat Name off location				DL	Act 1. Mob/De 2. Cemen 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Ci 10. Drill C 11. N.U./ 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig R 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B	Time Sivity Mob t te ponal Work lipe gging rc. mt./LOT N.DD. BHAD. Pipe R/D epair casing ce Rig cack Op. Pipe y	ummary	2 2.5 2.5 12 6
OPERAT TII FROM	IONS SU	MMARY	Time	Boats: Union f All drill Reserv	Rig #7 or pipe and e pit fening locat	ff locatie	Supply B Crew B on on ollars are completic	oat Name loat Name off location				DL	Act 1. Mob/De 2. Cemen 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Ci 10. Drill C 11. N.U./ 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig R 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/H 20. Surve 21. UR/H 20. Surve 21. Trips 22. Tst. B	Time Silvity Mob t te phal Work lipe gging rc. mt./LOT N.D. D. BHA D. Pipe R/D epair Casing te Rig tack Op. Pipe Y OPs O	ummary	2 2.5 2.5 12 6
OPERAT TII FROM	IONS SU	MMARY	Time	Boats: Union f All drill Reserv	Rig #7 or pipe and e pit fening locat	ff locatie	Supply B Crew B on on ollars are completic	oat Name loat Name off location				DL	Act 1. Mob/De 2. Cemen 3. Circulat 4. Direction 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./ 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig R 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/H 24. W.O.V	Time Silvity Mob t te phal Work lipe gging rc. mt./LOT N.D. D. BHA D. Pipe R/D epair Casing te Rig tack Op. Pipe Y OPs O N.	ummary	2 2.5 2.5 12 6
OPERAT TII FROM	IONS SU	MMARY	Time	Boats: Union f All drill Reserv	Rig #7 or pipe and e pit fening locat	ff locatie	Supply B Crew B on on ollars are completic	oat Name loat Name off location			/S	DL	Act 1. Mob/De 2. Cemen 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Ci 10. Drill C 11. N.U./ 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig R 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/H 20. Surve 21. UR/H 20. Surve 21. Trips 22. Tst. B	Time Silvity Mob t te phal Work lipe gging rc. mt./LOT N.D. D. BHA D. Pipe R/D epair Casing te Rig tack Op. Pipe Y OPs O N.	ummary	2 2.5 2.5 12 6
OPERAT TII FROM	IONS SU	MMARY	Time	Boats: Union f All drill Reserv	Rig #7 or pipe and e pit fening locat	ff locatie	Supply B Crew B on on ollars are completic	oat Name loat Name off location				DL	Act 1. Mob/De 2. Cemen 3. Circulat 4. Direction 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./ 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig R 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/H 24. W.O.V	Time Silvity Mob t te phal Work lipe gging rc. mt./LOT N.D. D. BHAD. Pipe R/D epair casing ce Rig ack Op. Pipe y OPs O N. & Ream	ummary	2 2.5 2.5 12 6
OPERAT TII FROM	IONS SU	MMARY	Time	Boats: Union f All drill Reserv	Rig #7 or pipe and e pit fening locat	ff locatie	Supply B Crew B on on ollars are completic	oat Name loat Name off location				DL	Act 1. Mob/De 2. Cemen 3. Circulat 4. Direction 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./ 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig R 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/H 24. W.O.\ 25. Wash	Time Silvity Mob tt te bonal Work lipe gging rc. mt./LOT N.D. BHAD. Pipe R/D epair Casing be Rig ack Op. Pipe Y OPs O N. & Ream Control	ummary	2 2.5 2.5 12 6
OPERAT TIII FROM 0600	IONS SU	MMARY	Time	Boats: Union f All drill Reserv	Rig #7 or pipe and e pit fening locat	ff locatie	Supply B Crew B on on ollars are completic	oat Name loat Name off location				DL	Act 1. Mob/De 2. Cemen 3. Circulat 4. Direction 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./ 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig R 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/H 24. W.O.V 25. Wash 26. Well C	Time Silvity Mob t te bonal Work lipe gging rc. mt./LOT N.D. BHAD. Pipe R/D epair Casing be Rig ack Op. Pipe y OPs O N. & Ream Control	ummary	2 2.5 2.5 12 6
OPERAT TIII FROM 0600	IONS SU	MMARY	Time	Boats: Union f All drill Reserv	Rig #7 or pipe and e pit fening locat	ff locatie	Supply B Crew B on on ollars are completic	oat Name loat Name off location				DL	Act 1. Mob/De 2. Cemen 3. Circulat 4. Direction 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./ 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig R 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/H 24. W.O.V 25. Wash 26. Well C 27. WOC	Time Silvity Mob t te bonal Work lipe gging rc. mt./LOT N.D. BHAD. Pipe R/D epair Casing be Rig ack Op. Pipe y OPs O N. & Ream Control	ummary	2 2.5 2.5 12 6
MOPERAT TII FROM 0600	TONS SUME TO 0600	MMARY	Time	Boats: Union f All drill Reserv	Rig #7 or pipe and e pit fening locat	ff locatie	Supply B Crew B on on ollars are completic	oat Name loat Name off location				DL	Act 1. Mob/De 2. Cemen 3. Circulat 4. Direction 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./ 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig R 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/H 24. W.O.\ 25. Wash 26. Well C 27. WOC 28. Other	Time Silvity Mob t te bonal Work lipe gging rc. mt./LOT N.D. BHAD. Pipe R/D epair Casing be Rig ack Op. Pipe y OPs O N. & Ream Control	ummary	2 2.5 2.5 12 6 11.5
OPERAT TIII FROM 0600	IONS SU	MMARY	Time Code	Boats: Union f All drill Reserv	Rig #7 or pipe and e pit fening locat	ff location of definition of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the con	Supply B Crew B on on ollars are completic	oat Name loat Name off location on rig.				Previou	Act 1. Mob/De 2. Cemen 3. Circulat 4. Direction 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Ci 10. Drill C 11. N.U./ 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig R 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/H 24. W.O.\ 25. Wash 26. Well C 27. WOC 28. Other Total	Time Silvity Mob t te mal Work lipe gging rc. mt./LOT N.DD. BHAD. Pipe R/D epair Casing be Rig ack Op. Pipe y OPs O N. & Ream Control	ummary Daily	2 2.5 2.5 12 6 11.5
OPERAT TIII FROM 0600	TONS SUME TO 0600	MMARY	Time Code	Boats: Union f All drill Reserv Rehabi	Rig #7 or pipe and e pit fening locat	ff locatie d drill co ced. ion for e	Supply B Crew B on on ollars are completic	oat Name loat Name off location on rig.		SX		Previous Daily Co	Act 1. Mob/De 2. Cemen 3. Circulat 4. Direction 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./ 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig R: 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/H 24. W.O.\ 25. Wash 26. Well C 27. WOC 28. Other Total	Time Silvity Mob It Ite Inal Work Ipe Igging Irc. Imt./LOT N.D. Inal HA Inal Pipe Igging Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasi	ummary Daily	2 2.5 2.5 12 6 11.5
OPERAT TIII FROM 0600 Total Rig Do	TONS SUME TO 0600	MMARY HOUR	Time Code	Boats: Union f All drill Reserv Rehabi	Rig #7 or	ff location drill coced.	Supply B Crew B on on ollars are completic	oat Name loat Name off location on rig.				Previou	Act 1. Mob/De 2. Cemen 3. Circulat 4. Direction 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./ 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig R: 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/H 24. W.O.\ 25. Wash 26. Well C 27. WOC 28. Other Total	Time Silvity Mob It Ite Inal Work Ipe Igging Irc. Imt./LOT N.D. Inal HA Inal Pipe Igging Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasing Icasi	ummary Daily	2 2.5 2.5 12 6 11.5

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2	PPI Techn Servic	ology ces			D	N aily	MSC / Co	Exp mpl	olora etio	ation n Re	port					
	Block	Lease an unction - Fe			,	2	Contract R Union #7		<u>DOL</u> 8	DFS 8	Date on L 12/18/	2004	Completic Dec 18,	2004	Report Dec 26	
<u>MD</u> 8,224	TVD 8,224	Foota	ge	AFE	No.		347,000 \$347	1	Auth. TD.	8,700			Representat ari Huislande			-
0,224	0,224		Operation r		<u></u>		Rig Phone Rig Fax:			35-220-099 35-220-099	ï	Toolpush C	er onrad Tenne	у		
Current V	Veather	BLM V	/isit		NPDES		People	on Loc.:		Last BOP	Test Date			RIG ELEV	ATIONS	
Wind:		Yes	∠ No	LC50	Sample (<u>Date</u>	Ope Contr	rator		1 Next BOP	2/11/2004 Test Date		RKB Water Depth			ft ft
Seas: Sky:		Problem?	Yes No	Pass?	Yes	□No	Ser			Next BOP	rest Date		RKB-CHF			ft
ASING F	RECORD asing Strin	ng [OD	Wt.	Grade	Conn.	Jts.	Run	Setting		Liner		MW when	_	LOT	1 - 1 - 60
Conductor			16"		LP			1	MD 37'	TVD 37'	MD	TVD	Run Air	Pres	EMW	Leakoff?
Surface			9 5/8"	32.3	H40	STC		2	534'	534'			Air 8.8			
	te/Product		7"	26 23	L80 P110	LTC	1	56 4	6,839' 7,455'	6,839' 7,455'			8.8			
roduction	Liner		5"	18	P110	FJ	1	9	8224'	8224'	7,381'	7,381'	8.7			
IT, WEIG	HT, SPEI	ED AND H	YDRAUL	ICS REC	ORD											
BIT		Bit Type Manufac	and		Number		ets	Depth In	Total Footage	Hrs	WOB	Rpm	Avg ROP	Tooth	Grade Bearing	Gage
No	Size	Maridiad	au ei	Serial	Antiliper		915	Depurin	7 dotage	1113	WOD					
Bit Ren	narks:						Cum. R	OT. Hrs	PU	Wt	SO	Wt	ROT	Wt	Tor	que
Pump			1											Slow	Pump Pres	sures
No.	Stroke	X Liner	Output	SPM	GPM	Pre	essure	٦V	Pb	DC A	V DP	Speed 1/4	SPM	Pump #1	Pump #2	Pump #3
1	9	x 6	gps 3.15							l DC	DP	1/2				
2		x 6	3.15						<u> </u>			3/4				
BHA Length:		Descrip	otion:													
								-								
MUD DAT					0510		LUTUR	CAVE	CI DC W	LGS %	OIL %	SD %	мвт	pН	Pm	Pf/Mf
PIT	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	30 %	IVIDI	pii .	7 111	7 // //
																<u> </u>
	051			1++	Smpl	F.L. Temp	Shaker	Screens	Н	ours M	lud Engine	èr			/lud Compa	nv
PIT	Chic	orides	L Ca]TT	Temp	TOMP	#1	#2	Desand							
						L	#3	#4	Desilt	Mud Cl		Jon Lyma Cost	in T		I Drilling Flumulative C	
															\$53	
	DNAL SU	RVEYS	D	I AN	GLE	Dir	rection	Coor	dinates	, , , , , , , , , , , , , , , , , , ,	/S	DL		CLOS	SURE	
											ļ	Ţ	ļ			
OPERAT	IONS SUI	MARY		<u> </u>			·			<u></u>						
TII FROM	νE ТО	HOUR	Time Code	Boats:	_			oat Name				-	Status: Status:			
0600	0600	HOOK	0000				pit comp	leted					1		ummary	_
				Final F	Report un	til Com	pletion rig	g moves	on.				1. Mob/De	ivity	Daily	Cum.
				 		·							2. Cemen		 	2
													Circulat	е		2.5
								-					4. Direction 5. Drilling	nal Work	-	
			 	 									6. Drive P	ipe		
													7. Fishing			
	<u> </u>	ļ	-	 									8. OH Log 9. Lost Cir		+	
	 		 	 									10. Drill C			
													11. N.U./		<u> </u>	ļ
			1-	 									12. P.U./L 13. P.U./L		-	12
			\mathbf{L}^{-}										14. R/U; F	R/D		6
	ļ												15. Rig R 16. Run C		 	11.5
		-	-	 									17. Service			, 1.5
L					· · · · · -								18. Sidetr	ack Op.		
		1			-						-		19. Stuck 20. Surve		 	-
			 	1									21. Trips			1
				, ,									22. Tst. B			ļ <u> </u>
			1	1									23. UR/H 24. W.O.\		 	+-
 	 	 	 	+									25. Wash			
		<u> </u>											26. Well (Control		
		-		 									27. WOC 28. Other		+	
 	 	<u> </u>	 	 		-							Total			35
	Hours		1			Te .	4-4-1-1					Previou	e Cost	£44	66,732	
Ria D	owntime	i	Fuel	Usage		Bulk N	Material on	Board				Previou Daily C			1,025	

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ピ	PPI Techi	iology			ח	l Ails	MSC / Co	Exp	plora	ation n Re	i port					
		CES k. Lease an lunction - Fe				9	Contract F	₹ia``	DOL 1	DFS 1	Date on I 3/22/2	ocation	Completic Mar 22,	- 1	Report Mar 23	
MD	TVD	Foota	QĐ	AFE			AFE Amo	<u>unt</u>	Auth. TD.	0 2241		Company	Representat	ive_		
8,224	8,224 PU tu	PBTI Present bing and G	Operation		ner	1	Rig Phon Rig Fax:	e:	25	8,224' 54-241-531	17	Toolpush				
~					NPDES			on Loc.:		Last BOD	Test Date			RIG ELEV	ATIONS	
Current V Wind:	veather	BLM V	/isit No		Sample	Date		erator		Last BOP	Test Date		RKB	THO ECEV		ft
Seas:		Problem?	Yes					ractor		Next BOP	Test Date		Water Depth			ft ft
Sky: CASING F	ECORD		∐ No	Pass?	Yes	No	Sei	rvice					RKB-CHF			
С	asing Stri	ng	OD	Wt.	Grade	Conn.		Run	MD	Depth TVD	Liner MD	Top TVD	MW when Run Air	Pres	LOT EMW	Leakoff?
Conductor Surface	·		16" 9 5/8"	32.3	LP H40	STC		<u>1</u> 12	37' 534'	37' 534'			Air	· -		
nermedia	te/Produc		7"	26	L80	LTC		56 14	6,839' 7,455'	6,839' 7,455'			8.8 8.8			
nermedia Production	te/Produc Liner	tion	7 " 5"	23 18	P110 P110	LTC FJ		19	8224'	8224'	7,381'	7,381'	8.7			
	HT, SPE	ED AND H		ICS REC	ORD			1.	Total	 	1		Avg		Grade	
BIT No	Size	Bit Type Manufa		Serial i	Number	J	ets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
Bit Rer	narks:			4. 4	,		Cum. F	ROT. Hrs	PU	Wt	so	Wt	ROT	Wt	Tor	que
Pump			·		·	· · ·									Pump Pres	
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	J۷	Pb		AV T DP	Speed 1/4	SPM	Pump #1	Pump #2	Pump #3
1			gps		<u> </u>			<u> </u>		DC L	UP	1/4				
2										<u></u>		3/4				
BHA Length:		Descri	ption:													
Longua																
MUD DA	ΓA															
	WT.	VIS	PV	ΥP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	рН	Pm	Pf/Mf
PIT			ļ			 							<u> </u>	_	 	
			ļ	i			<u> </u>					· · · · · · · · · · · · · · · · · · ·	1	г		
	Chi	orides	Ca	3++	Smpl Temp	F.L. Temp	Shake	r Screens	Н	ours 1	Mud Engine	er		N	Mud Compa	ny
PIT							#1	#2	Desand	Cent.						
	L		<u> </u>		J	<u> </u>	#3	#4	Desilt	Mud Cl	Daily	Cost	Τ .	С	umulative C	ost
										1					\$53	
	ONAL SU	RVEYS	D .	ÁN	IGLE	Dir	ection	Coo	dinates	1	vs	DL	I	CLO:	SURE	
									1			ļ	 			
OPERAT	IONS SU	MMARY				J	···		<u> </u>							
FROM	ME TO	HOUR	Time Code	Boats:				Boat Name Boat Name				- .	Status: Status:			
1000	1030	0.5	1	Move	ig from	State M			ral MSC #	26-1					ummary	
1030	1730	7.0	1		nd R/U r								1. Mob/De	ivity	Daily 7.5	Cum. 7.5
		ļ			n and sp at walk a		ort equi	pment					2. Cemen		17.5	2
	ļ							State 35-	1 .				3. Circulat	е		2.5
					I/16" 5M	BOPS	SDFN						4. Directio	nal Work	ļ	
1730	1800	0.5	28_	Crew	Iravel								5. Drilling 6. Drive P	ipe		
<u> </u>													7. Fishing		1	ļ
				1									8. OH Log		<u> </u>	
-	 -	 	 	 					<u> </u>				9. Lost Cir 10. Drill C		+	<u> </u>
	†	1.		\mathbf{L}^{-}									11. N.U./			
									C #35-1 lo			-	12. P.U./L		ļ	10
	 			they w	vill be mo	oved tor	norrow,	weather p	ermitting.				13. P.U./L 14. R/U; F			12
 			 	†					· · · · · · · · · · · · · · · · · · ·				15. Rig R			
		1				1 1	· · · · · ·						16. Run C	asing		11.5
		1		 									17. Service 18. Sidetr		 	
	 	 	1	+									19. Stuck			
													20. Surve			
<u> </u>		1	-	-	*								21. Trips 22. Tst. B	OPe	-	1
-			7 20	-			:						22. 1st. B 23. UR/H		1	
													24. W.O.\	٧.		ļ
					1								25. Wash			-
	 	ļ	1	 		24 Tr						 -	26. Well 0 27. WOC	ontrol	 	+
		 	1	1									27. WOC 28. Other		0.5	0.5
							<u> </u>						Total		8	43
	l Hours owntime	8.0	Fire	Usage		Bulk I	Material o	n Board				Previou	s Cost	\$1	67,757	
Daily		Daily			Gals	Ceme	ent:			5X		Daily C	ost		8,632 76,389	
Cum.	1	Cum.		831	Gals	Barite	:			SX		Cum. C	vol	3 1	, 0,003	

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MSC Exploration

Daily Completion Report

E.		k. Lease an Junction - F					Contract F Leed #68		DOL 2	DFS 2	Date on L 3/22/2		Completion Mar 22,		Repor Mar 24	
MD 8,224	TVD 8,224	Foota PBT	<u>qe</u>	AFE		,	\$155,202		Auth. TD.	8,224'		Company	Representat	ive		
-,		Present	Operation				Rig Phon		25	54-241-531	7	Toolpush				
		splace mud	***			l	Rig Fax:				l		vai Guerrero			
Current V Wind:	Veather	BLM V	/isit No		NPDES Sample	Date		on Loc.: rator		Last BOP	Test Date		RKB	RIG ELEV		ft
Seas:		Problem?	Yes					ractor		Next BOP	Test Date		Water Depth	1		ft ft
Sky: CASING F	RECORD		∠ No	Pass?	Yes	∐No	261	vice								
C	asing Stri	ng	OD	Wt.	Grade	Conn.	Jts.	Run	Setting MD	Depth TVD	Liner MD	Top TVD	MW when Run	Pres	LOT EMW	Leakoff?
Conductor	•		16"	22.2	LP H40	STC		1 12	37' 534'	37' 534'			Air Air			
Surface nermedia	te/Produc	tion	9 5/8" 7"	32.3 26	L80	LTC	1	56	6,839'	6,839'			8.8			
nermedia Production	te/Produc	tion	7" 5"	23 18	P110 P110	LTC FJ		14 19	7,455' 8224'	7,455' 8224'	7,381'	7,381'	8.8 8.7			
							· .									
	HT, SPE	ED AND H		ICS REC	ORD			1.	Total				Avg		Grade	
BIT No	Size	Bit Type Manufa		Serial I	Number	J	ets	Depth In	Total Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
Bit Ren	narks;						Cum. F	ROT, Hrs	PU	Wt	SO	Wt	ROT	Wt	Tor	que
Pump		V 1 !	Outers	SPM	GPM	Dra	ssure	JV	Pb	A		Speed	SPM		Pump Pres	sures Pump #3
No.	Stroke	X Liner	Output gps	orM	GFM	-16	.J. G		, ,	DC	DP	1/4	111			
1 2												1/2 3/4				
ВНА			41		<u> </u>	<u> </u>										
Length:		Descrip	otion:	1. 42	*	1 13										
MUD DA1	TA.														·	
	WT.	VIS	PV	ΥP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	QIL %	SD %	MBT	pН	Pm	Pf/Mf
PIT								-								
					Smpl] F.L.	·						1	1		
	Chle	orides	Ca	a++	Temp	Temp	J	Screens			lud Engine	er		N	lud Compa	ny
PIT						-	#1	#2	Desand	Cent.	<u> </u>					
							#3	#4	Desilt	Mud CI	Daily	Cost		C	umulative C \$53	ost
DIRECTION	ONAL SU	RVFYS														
M			D	J AN	IGI F	l Dir	ection	Copr	dinates	 	/\$	DL		CLO:	SURE	
M		1∨	D	AN	GLE	Dir	ection	Coor	dinates	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	/s	DL		CLOS	SURE	
OPERAT	D IONS SU	†V			GLE	Dir					/\$ 	DL		CLOS	SURE	
OPERAT	D	†V	Time Code	Boats:	GLE	Dir	Supply E	Coor Boat Name Boat Name			/\$	DL	Status: Status:	CLOS	SURE_	
OPERAT TII FROM 0600	IONS SUI ME TO 0700	MMARY HOUR 1.0	Time Code 28	Boats:	ravel to	Locatio	Supply E Crew E	Boat Name Boat Name			/8	DL	Status:	Time S	ummary	Cum
OPERAT TII FROM	IONS SU	MMARY HOUR	Time Code	Boats: Crew T N/U St	ravel to	Locatio	Supply E Crew E on J rig floor	Boat Name Boat Name	, tongs, et	c.		DL	Status:	Time S		Cum. 7.5
OPERAT TII FROM 0600 0700 0800	D IONS SU ME TO 0700 0800 1530	HOUR 1.0 1.0	Time Code 28 14	Boats: Crew T N/U St Strap t 7" scra	ravel to ripper he op layer pper, bi	Locations and R/U of tbg, t sub &	Supply E Crew E on J rig floor P/U & RI xover sul	Boat Name Boat Name r, air slips H w/ BHA b, RIH & 1	, tongs, et	c. g of 6 1/4 liner @ 73	" bit, 386',	DL	Act 1. Mob/De 2. Cement	Time S ivity Mob	ummary Daily	7.5
OPERAT TII FROM 0600 0700	IONS SUI ME TO 0700 0800	HOUR 1.0 1.0	Time Code 28	Boats: Crew T N/U St Strap t 7" scra	ravel to ripper he op layer ipper, bit imp and	Locationead, R/Lof tbg, t sub & reverse	Supply E Crew E on J rig floor P/U & RI xover sul	Boat Name Boat Name r, air slips H w/ BHA b, RIH & t @ top of	, tongs, et	c. g of 6 1/4 liner @ 73	" bit, 386',	DL	Act 1. Mob/De 2. Cement 3. Circulat	Time S ivity Mob	ummary	7.5
OPERAT TII FROM 0600 0700 0800 1530	D IONS SU ME TO 0700 0800 1530 1600	HOUR 1.0 1.0 7.5	Time Code 28 14	Boats: Crew T N/U St Strap t 7" scra R/U pu recove Displace	ravel to ripper he op layer pper, bit imp and red thick	Locationead, R/L of tbg, t sub & reverse c mud fr	Supply E Crew E In J rig floor P/U & RI xover sul e cirulate om botto water, ru	Boat Name Boat Name r, air slips H w/ BHA b, RiH & t @ top of oms up,	, tongs, et	c. g of 6 1/4 liner @ 73 mud in we	" bit, 386',	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling	Time S ivity Mob t e nal Work	ummary Daily	7.5
OPERAT TII FROM 0600 0700 0800	D IONS SUI ME TO 0700 0800 1530	HOUR 1.0 1.0 7.5	Time Code 28 14 13	Boats: Crew T N/U St Strap t 7" scra R/U pu recove Displace	ravel to ripper he op layer apper, bit imp and red thick	Locationead, R/L of tbg, t sub & reverse c mud fr	Supply E Crew E In J rig floor P/U & RI xover sul e cirulate om botto water, ru	Boat Name Boat Name r, air slips H w/ BHA b, RiH & t @ top of oms up,	, tongs, et a consisting ag top of liner, drill	c. g of 6 1/4 liner @ 73 mud in we	" bit, 386',	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P	Time S ivity Mob e e nal Work	ummary Daily	7.5
OPERAT TII FROM 0600 0700 0800 1530	D IONS SU ME TO 0700 0800 1530 1600	HOUR 1.0 1.0 7.5 0.5	Time Code 28 14 13 3	Boats: Crew T N/U St Strap t 7" scra R/U pu recove Displace	ravel to ripper he op layer pper, bit imp and red thick	Locationead, R/L of tbg, t sub & reverse c mud fr	Supply E Crew E In J rig floor P/U & RI xover sul e cirulate om botto water, ru	Boat Name Boat Name r, air slips H w/ BHA b, RiH & t @ top of oms up,	, tongs, et a consisting ag top of liner, drill	c. g of 6 1/4 liner @ 73 mud in we	" bit, 386',	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log	Time S ivity Mob e nal Work ipe	ummary Daily	7.5
OPERAT TII FROM 0600 0700 0800 1530	D IONS SU ME TO 0700 0800 1530 1600	HOUR 1.0 1.0 7.5 0.5	Time Code 28 14 13 3	Boats: Crew T N/U St Strap t 7" scra R/U pu recove Displace	ravel to ripper he op layer pper, bit imp and red thick	Locationead, R/L of tbg, t sub & reverse c mud fr	Supply E Crew E In J rig floor P/U & RI xover sul e cirulate om botto water, ru	Boat Name Boat Name r, air slips H w/ BHA b, RiH & t @ top of oms up,	, tongs, et a consisting ag top of liner, drill	c. g of 6 1/4 liner @ 73 mud in we	" bit, 386',	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir	Time S ivity Mob e nal Work ipe	ummary Daily	7.5
OPERAT TII FROM 0600 0700 0800 1530	D IONS SU ME TO 0700 0800 1530 1600	HOUR 1.0 1.0 7.5 0.5	Time Code 28 14 13 3	Boats: Crew T N/U St Strap t 7" scra R/U pu recove Displac	ravel to ripper he op layer pper, bit imp and ired thick ce well v	Locationead, R/L of tbg, t sub & reverse c mud fr v/ fresh om Loca	Supply E Crew E in J rig flooi P/U & Ri xover sul e cirulate om botto water, ru	Soat Name Fr, air slips H w/ BHA b, RIH & (@ top of oms up,	, tongs, et a consisting ag top of liner, drill	c. g of 6 1/4 liner @ 73 mud in we	" bit, 886', all,	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./	Time S ivity Mob e nal Work ipe ging c. mt./LOT	ummary Daily	7.5
OPERAT TII FROM 0600 0700 0800 1530	D IONS SU ME TO 0700 0800 1530 1600	HOUR 1.0 1.0 7.5 0.5	Time Code 28 14 13 3	Boats: Crew T N/U St Strap t 7" scra R/U pu recove Displac Crew T	ravel to ripper he op layer pper, bit imp and tred thick ce well v ravel fro tanks he	Location and the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the cont	Supply E Crew E in J rig floor P/U & RI xover sul e cirulate om botto water, ru ation	soat Name Fr, air slips Fr, air slips H W/ BH/ B, RIH & (@ top of ms up, In out of fi	tongs, et a consistin ag top of liner, drill resh water	c. g of 6 1/4 liner @ 73 mud in we r, SDFN	" bit, 386', sll,	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./	Time S ivity Mob e nal Work ipe ging c. mt./LOT N.D.	ummary Daily	7.5 2 4.5
OPERAT TII FROM 0600 0700 0800 1530	D IONS SU ME TO 0700 0800 1530 1600	HOUR 1.0 1.0 7.5 0.5	Time Code 28 14 13 3	Boats: Crew T N/U St Strap t 7" scra R/U pu recove Displac Crew T	ravel to ripper he op layer pper, bit imp and red thick to well viravel from tanks he al MSC support	Locationead, R/U of tbg, t sub & reverse c mud fr w/ fresh om Locationeave beer \$26-1.	Supply E Crew E In J rig floor P/U & RI xover sul e cirulate om botto water, ru ation	Goat Name Fr, air slips Fr, air slips H W/ BH/ B, RIH & (@ top of ms up, un out of fi	tongs, et a consistin ag top of liner, drill resh water State MC have beer tion.	c. g of 6 1/4 liner @ 73 mud in we r, SDFN	" bit, 386', sll,	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./	Time S ivity Mob e nal Work ipe ging c. mt./LOT N.DD. BHA .D. Pipe	ummary Daily	7.5
OPERAT TII FROM 0600 0700 0800 1530	D IONS SU ME TO 0700 0800 1530 1600	HOUR 1.0 1.0 7.5 0.5	Time Code 28 14 13 3	Boats: Crew T N/U St Strap t 7" scra R/U pu recove Displac Crew T	ravel to ripper he op layer pper, bit imp and tred thicke well variable. Travel from tanks hall MSC suipment trived the	Locationead, R/L of tbg, t sub & reverse c mud fr v/ fresh om Loca ave bee #26-1. on Statiis aftern	Supply E Crew E In J rig floor P/U & RI xover sul e cirulate om botto water, ru ation In moved The othe e MSC # noon from	Goat Name Fr, air slips H w/ BH/H B, RIH & G G top of ms up, un out of fi I from the r 2 tanks 35-1 loca n MI-Swan	tongs, et a consisting go top of liner, drill resh water State MC nave beer tion.	c. g of 6 1/4 liner @ 73 mud in we r, SDFN S 35-1 to	" bit, 386', sell,	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re	Time S ivity Mob te e nal Work ipe ging rc. mt./LOT N.D. D. BHA D. Pipe VD epair	ummary Daily	7.5 2 4.5 19.5 7
OPERAT TII FROM 0600 0700 0800 1530	D IONS SU ME TO 0700 0800 1530 1600	HOUR 1.0 1.0 7.5 0.5	Time Code 28 14 13 3	Boats: Crew T N/U St Strap t 7" scra R/U pu recove Displac Crew T	ravel to ripper he op layer pper, bit imp and tred thicke well variable. Travel from tanks hall MSC suipment trived the	Locationead, R/L of tbg, t sub & reverse c mud fr v/ fresh om Loca ave bee #26-1. on Statiis aftern	Supply E Crew E In J rig floor P/U & RI xover sul e cirulate om botto water, ru ation In moved The othe e MSC # noon from	Goat Name Fr, air slips H w/ BH/H B, RIH & G G top of ms up, un out of fi I from the r 2 tanks 35-1 loca n MI-Swan	tongs, et a consistin ag top of liner, drill resh water State MC have beer tion.	c. g of 6 1/4 liner @ 73 mud in we r, SDFN S 35-1 to	" bit, 386', sell,	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C	Time S ivity Mob te e nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe V/D epair essing	ummary Daily	7.5 2 4.5
OPERAT TII FROM 0600 0700 0800 1530	D IONS SU ME TO 0700 0800 1530 1600	HOUR 1.0 1.0 7.5 0.5	Time Code 28 14 13 3	Boats: Crew T N/U St Strap t 7" scra R/U pu recove Displac Crew T	ravel to ripper he op layer pper, bit imp and tred thicke well variable. Travel from tanks hall MSC suipment trived the	Locationead, R/L of tbg, t sub & reverse c mud fr v/ fresh om Loca ave bee #26-1. on Statiis aftern	Supply E Crew E In J rig floor P/U & RI xover sul e cirulate om botto water, ru ation In moved The othe e MSC # noon from	Goat Name Fr, air slips H w/ BH/H B, RIH & G G top of ms up, un out of fi I from the r 2 tanks 35-1 loca n MI-Swan	tongs, et a consisting go top of liner, drill resh water State MC nave beer tion.	c. g of 6 1/4 liner @ 73 mud in we r, SDFN S 35-1 to	" bit, 386', sell,	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re	Time S ivity Mob e nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe V/D epair asing e Rig	ummary Daily	7.5 2 4.5 19.5 7
OPERAT TII FROM 0600 0700 0800 1530	D IONS SU ME TO 0700 0800 1530 1600	HOUR 1.0 1.0 7.5 0.5	Time Code 28 14 13 3	Boats: Crew T N/U St Strap t 7" scra R/U pu recove Displac Crew T	ravel to ripper he op layer pper, bit imp and tred thicke well variable. Travel from tanks hall MSC suipment trived the	Location and the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the cont	Supply E Crew E In J rig floor P/U & RI xover sul e cirulate om botto water, ru ation In moved The othe e MSC # noon from	Goat Name Fr, air slips H w/ BH/H B, RIH & G G top of ms up, un out of fi I from the r 2 tanks 35-1 loca n MI-Swan	tongs, et a consisting go top of liner, drill resh water State MC nave beer tion.	c. g of 6 1/4 liner @ 73 mud in we r, SDFN S 35-1 to	" bit, 386', sell,	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C 17. Servic 18. Sidetr 19. Stuck	Time S ivity Mob te e nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe VD epair asing e Rig ack Op. Pipe	ummary Daily	7.5 2 4.5 19.5 7
OPERAT TII FROM 0600 0700 0800 1530	D IONS SU ME TO 0700 0800 1530 1600	HOUR 1.0 1.0 7.5 0.5	Time Code 28 14 13 3	Boats: Crew T N/U St Strap t 7" scra R/U pu recove Displac Crew T	ravel to ripper he op layer pper, bit imp and tred thicke well variable. Travel from tanks hall MSC suipment trived the	Location and the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the cont	Supply E Crew E In J rig floor P/U & RI xover sul e cirulate om botto water, ru ation In moved The othe e MSC # noon from	Goat Name Fr, air slips H w/ BH/H B, RIH & G G top of ms up, un out of fi I from the r 2 tanks 35-1 loca n MI-Swan	tongs, et a consisting go top of liner, drill resh water State MC nave beer tion.	c. g of 6 1/4 liner @ 73 mud in we r, SDFN S 35-1 to	" bit, 386', sell,	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C 17. Servic 18. Sidetr	Time S ivity Mob te e nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe VD epair asing e Rig ack Op. Pipe	ummary Daily	7.5 2 4.5 19.5 7
OPERAT TII FROM 0600 0700 0800 1530	D IONS SU ME TO 0700 0800 1530 1600	HOUR 1.0 1.0 7.5 0.5	Time Code 28 14 13 3	Boats: Crew T N/U St Strap t 7" scra R/U pu recove Displac Crew T	ravel to ripper he op layer pper, bit imp and tred thicke well variable. Travel from tanks hall MSC suipment trived the	Location and the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the cont	Supply E Crew E In J rig floor P/U & RI xover sul e cirulate om botto water, ru ation In moved The othe e MSC # noon from	Goat Name Fr, air slips H w/ BH/H B, RIH & G G top of ms up, un out of fi I from the r 2 tanks 35-1 loca n MI-Swan	tongs, et a consisting go top of liner, drill resh water State MC nave beer tion.	c. g of 6 1/4 liner @ 73 mud in we r, SDFN S 35-1 to	" bit, 386', sell,	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B	Time S ivity Mob te nal Work ipe ging cc. mt./LOT N.D. D. BHA D. Pipe R/D epair dasing de Rig ack Op. Pipe y OPs	ummary Daily	7.5 2 4.5 19.5 7
OPERAT TII FROM 0600 0700 0800 1530	D IONS SU ME TO 0700 0800 1530 1600	HOUR 1.0 1.0 7.5 0.5	Time Code 28 14 13 3	Boats: Crew T N/U St Strap t 7" scra R/U pu recove Displac Crew T	ravel to ripper he op layer pper, bit imp and tred thicke well variable. Travel from tanks hall MSC suipment trived the	Location and the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the cont	Supply E Crew E In J rig floor P/U & RI xover sul e cirulate om botto water, ru ation In moved The othe e MSC # noon from	Goat Name Fr, air slips H w/ BH/H B, RIH & G G top of ms up, un out of fi I from the r 2 tanks 35-1 loca n MI-Swan	tongs, et a consisting go top of liner, drill resh water State MC nave beer tion.	c. g of 6 1/4 liner @ 73 mud in we r, SDFN S 35-1 to	" bit, 386', sell,	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips	Time S ivity Mob te nal Work ipe ging rc. mt./LOT N.D. D. BHA D. Pipe VD epair dasing te Rig ack Op. Pipe y OPs O	ummary Daily	7.5 2 4.5 19.5 7
OPERAT TII FROM 0600 0700 0800 1530	D IONS SU ME TO 0700 0800 1530 1600	HOUR 1.0 1.0 7.5 0.5	Time Code 28 14 13 3	Boats: Crew T N/U St Strap t 7" scra R/U pu recove Displac Crew T	ravel to ripper he op layer pper, bit imp and tred thicke well variable. Travel from tanks hall MSC suipment trived the	Location and the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the cont	Supply E Crew E In J rig floor P/U & RI xover sul e cirulate om botto water, ru ation In moved The othe e MSC # noon from	Goat Name Fr, air slips H w/ BH/H B, RIH & G G top of ms up, un out of fi I from the r 2 tanks 35-1 loca n MI-Swan	tongs, et a consisting go top of liner, drill resh water State MC nave beer tion.	c. g of 6 1/4 liner @ 73 mud in we r, SDFN S 35-1 to	" bit, 386', sell,	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/Hd 24. W.O.V 25. Wash	Time S ivity Mob te nal Work ipe ging rc. mt./LOT N.D. D. BHA D. Pipe VD epair clasing te Rig ack Op. Pipe y OPs OV. & Ream	ummary Daily	7.5 2 4.5 19.5 7
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RECEIVED

PPI Tech Servi	nology ices			D		MSC Ex				t				
Bloc	k. Lease ar	nd Well N	lo.			Contract Rig	DOL	DFS	Date on	Location	Completion	on Date	Repo	rt Date
E. Crested	Junction - F	ederal M	ISC #26-	1		Leed #892	3	3	3/22/	2005	Mar 22,	2005	Mar 2	5, 2005
MD TVD	Foota	<u>qe</u>	AF	No.		AFE Amount	Auth. TD.			Company	/ Representat	tive		
8,224 8,224	PBT	D G				\$155,202		8,224'			Jim Lander			
	Presen	t Operati	on			Rig Phone:	25	54-241-53	17	Toolpush	er			
	Prep to ru	n CCL/G	R log			Rig Fax:					Nat Guerrero)		
Current Weather	BLM \	/isit		NPDES	,	People on Loc.:		Last BOP	Test Date			RIG ELE	/ATIONS	
Wind:	✓ Yes	✓ No	LC50) Sample	Date	Operator					RKB		15	ft
Seas:	Problem?	Yes				Contractor		Next BOP	Test Date		Water Depth	1		ft
Sky:		✓ No	Pass?	Yes	No	Service					RKB-CHF			ft
ASING RECORD			<u> </u>											
Casing Str	ing	OD	Wt.	Grade	Conn.	Jts. Run	Setting	Depth	Line	г Тор	MW when		LOT	
-	Ĭ	ļ					MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?
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urface		9 5/8"	32.3	H40	STC	12	534'	534'			Air			

156 14 19

9 5/8" 7" 7" 5"

BIT, WEIGHT, SPEED AND HYDRAULICS RECORD

Surface

Inermediate/Production

Inermediate/Production

Production Liner

32.3 26 23

18

L80 LTC P110 LTC P110 FJ

6,839' 7,455' 8224'

6,839' 7,455' 8224'

8.8

8.8 8.7

7,381

7,381'

BIT	mi, are	Bit Type		OS NEC	- CRD			T	Total				Avg	T	Grade	
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													<u> </u>			
Di Dan		••••				L	L Cum E	OT. Hrs	PU	10/4	SO	\//t	ROT	Wt	Tor	rque
<u>Bit Ren</u>	narks:				est i		Cuill. F	O1. HIS	FU	AAT	30	AAT	.101	***	, , ,	440
imp							<u> </u>	T			L			Slow	Pump Pres	sures
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			gps							DC	DP	1/4	ļ. <u> </u>	-		
1 2			 	-		<u> </u>						3/4				
IA		-			·	L	**		<u> </u>							
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		, ,									·					
	IONS SU	MMARY											Clatura			
TIN	ME TO	HOUR	Time Code	Boats:				loat Name loat Name				-	Status: Status:			
0600	0700	1.0	28	Crew T	ravel to	Locatio		oat Hamo					T CLEANER	Time St	ummary	
0700	0800	1.0	3					well w/ F	W, circ un	il returns	were clea	ก	Act	tivity	Daily	Cum
0800	0900	1.0	22						s to 3000				1. Mob/De		1	7.5
						-			f the BLM	<u> </u>		·	2. Cemen	t		2
0900	1230	3.5	3				L water						3. Circulat	te	6	10.5
1230	1300	0.5	3	Circula	te tank o	of 6% K	CL water						4. Direction	nal Work	Ĭ	
1300	1400	1.0	3	Displac	e well w	/ 6% K	CL water						5. Drilling			
1400	1700	3.0	21	РООН	and L/D	20 jts	of tbg, ra	ck in the o	derrick 107	stands,			6. Drive P	ipe		ļ
				L/D bit	and scra	apper. S	SDFN						7. Fishing		ļ	<u> </u>
1700	1730	0.5	28	Crew to	ravel fro	m locat	ion						8. OH Log		ļ	_
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			4	2 day t	otal, 44,	,000 ga	ls of frest	n water.					24. W.O.\		ļ	
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		ļ	<u> </u>	 									28. Other		1.5	3.5
	Haust	14.5	 	<u></u>									Total	-	11.5	66.
	Hours	11.5	Fuel L	Isane		Bulk K	naterial on	Board				Previous	Cost	\$18	3,411	
		•	, uei t	-say a		Ceme		Joanu		sx		Daily Co			1,350	
Rig Do	wntime	Daily	1		Gals	Cerne	: II.			34						
Rig Do	owntime	Daily Cum.	8	31	Gals Gals	Barite				SX		Cum. Co			4,761	

MSC Exploration PPI Technology **Daily Completion Report** Services Block, Lease and Well No. Date on Location Completion Date E. Crested Junction - Federal MSC #26-1 Leed #692 3/22/2005 Mar 22, 2005 TVD AFE Amount Auth, TD. Footage AFE No. Company Representative 8,224 | 8,224 8,224 PBTD \$155,202 Jim Lander 254-241-5317 Rig Phone: Present Operation Toolpusher Nat Guerrero Rig Fax: Rig shut down for accident Current Weather BLM Visit NPDES People on Loc.: Last BOP Test Date RIG ELEVATIONS ✓ Yes ✓ No Problem? ☐ Yes LC50 Sample Date Next BOP Test Date Water Depth Seas: Sky ✓ No Pass? RKB-CHF

Jts. Run

12

156

14

19

534'

6,839'

7,455'

8224'

534

6,839

7,455

8224'

Conn

STC

LTC

FJ

H40

L80

P110

P110

Liner Top VID TVD

7,381

Air

8.8

8.7

MD

7,381'

CASING RECORD

Inermediate/Production

Inermediate/Production

Production Liner

Conductor

Surface

Casing String

OD

9 5/8" 7" 7"

5"

32.3

26 23

18

Report Date

Mar 26, 2005

ft

EMW | Leakoff?

LOT

Bit Remarks Imp No. S 1 2 HA ength: W T IRECTIONA MD PERATIONS TIME FROM T 0600 07 0700 10	Stroke Stroke Chlo AL SUF	Bit Type Manufac X Liner Descrip VIS rides	Output gps	SPM GPM YP GELS Smpl Temp	Pre WL	Cum. R	Depth In ROT. Hrs JV CAKE	Pb SLDS %	Hrs Wt A DC	WOB SO	Speed 1/4 1/2 3/4	Avg ROP RO		Pump Pres Pump #2	Pump #
No Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six Six	Stroke WT. Chlo AL SUF	X Liner Descrip VIS rides	Output gps	SPM GPM YP GELS	Pre WL	Cum. F	JV	Pu Pb	Wt A	SO V	Speed 1/4 1/2	ROP RO	T Wt Slow	Torn Pump Pres Pump #2	que sures Pump :
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1130 15				logging tools t								1. Mob/Do			7.5
1130 15	4400			good bond a								2. Cemen			2
	1130	1.5	21	M/U seat nipp								3. Circula		-	10.5
1530 16	1530	4.0	28	R/U swab lub							·		onal Work		
1030 10	1600			Estimate fluid								5. Drilling			
** ***	1600	0.5	21	Start POOH v							1-1	6. Drive F		 	
				POOH w/ 3rd							ne)	7. Fishing 8. OH Log		3	3
				the drill line pr								9. Lost Ci		<u> </u>	
			├─	to the drum. T 93 stands of t								10. Drill C			
				top of the tbg						and the		11. N.U./		l	
	-			The blind ram						ock and		12. P.U./l			
			-	damaged. Co					it by the b	ock and		13. P.U./l			19.
			 	The accident				O 1011.				14. R/U;			7
1600 18	1800	2.0	15	Removed the				debris fro	om the ria	floor.		15. Rig R		2	2
		2.0	ऻ ॱॕॱ	Layed down 1			5,541,00					16. Run (11.
	-			in the derrick			the cat lin	e, SDFN				17. Servi			
1800 18	1830	0.5	28	Crew travel fr		-						18. Sideti			
			. 10.0									19, Stuck	Pipe		
												20. Surve	y		
				On this rig, bo	th ends	of the dri	II line are	attached	to the drur	n.		21. Trips		2	6
				One end is st	il attache	ed to the	drum. The	e other en	d is hangi	ng in the		22. Tst. B	OPs	ļ <u>.</u>	1
				derrick. The r	ope sock	et or slee	eve that th	ne drill line	goes thro	ugh to		23. UR/H	0		
				attach it to the	drum w	as found						24. W.O.	W	ļ	<u> </u>
		,		Plan to meet	with Mac	Sawver,	Rig Mana	ager, & Na	at Guerrer	o, rig pus	her,	25. Wash		ļ	ļ
				in the morning	to decid	de on a c	ourse of a	action.				26. Well (<u> </u>	<u> </u>
												27. WOC		ļ	L
				Note: Excell r	an a Cer	ment bon	d log at ne	o charge t	o us.	•		28. Other		5.5	9
				l .					·			Total		12.5	79
Total Hou		12.5		1	15. "	4-4-4-4	D				Inacia:	Cool		4 761	
Rig Downti aily	เเพย	Daily	Fuel U	Jsage Gals	Bulk M Cemer	Material on	poard		sx		Previous Daily Co			4,761),234	
um.		Cum.	8	331 Gals	Barite				SX		Cum. Co			4,995	



Total Hours

Rig Downtime

Fuel Usage

Bulk Material on Board

	Servi	ces	با	any Comp		1110	port		
	Bloc	k. Lease and Well N	lo.	Contract Rig	DOL	<u>DES</u>	Date on Location	Completion Date	Report Date
Ε	. Crested	Junction - Federal M	ISC #26-1	Leed #692	5	5	3/22/2005	Mar 22, 2005	Mar 27, 2005
MD	TVD	Footage	AFE No.	AFE Amount	Auth, TD.		Company	Representative	
3,224	8,224	PBTD		\$155,202		8,224'		Jim Lander	
		Present Operati	on	Rig Phone:	25	4-241-53	17 <u>Toolpush</u>	er	
	Ponlace I	Drill line and check a	rio for damages	Rin Fav				Nat Guerrero	

Current Weather	RKB Water Depth RKB-CHF MW when Run Air Air 8.8 8.8 8.7 Avg ROP	Pres Tooth	LOT EMW	ft ft Leakoff
Current Weather	RKB Water Depth RKB-CHF MW when Run Air Air 8.8 8.7 Avg ROP	Pres Tooth Slow F	LOT EMW Grade Bearing	ft Leakoff
Wind:	Water Depth RKB-CHF MW when Air Air 8.8 8.8 8.7 Avg ROP	Pres Tooth Wt	LOT EMW Grade Bearing	ft Leakoff
Seas: Problem? Yes Contractor Next BOP Test Date	Water Depth RKB-CHF MW when Air Air 8.8 8.8 8.7 Avg ROP	Pres Tooth Slow F	LOT EMW	ft Leakoff Gage
Sky:	RKB-CHF MW when Run Air Air 8.8 8.8 8.7 Avg ROP	Pres Tooth Slow F	LOT EMW	ft Leakoff Gage
Casing String	MW when Run Air Air 8.8 8.8 8.7 Avg ROP	Tooth Wt	LOT EMW	Leakoff
Casing String	Run Air Air 8.8 8.8 8.7 Avg ROP	Tooth Wt	Grade Bearing	Gage
MD TVD MD TVD	Air Air 8.8 8.8 8.7 Avg ROP	Tooth Wt	Grade Bearing	Gage
Stroke X Liner Output SPM GPM Pressure JV Pb AV Speed DC DP 1/4 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2 T/2	Air 8.8 8.8 8.7 Avg ROP	Wt Slow F	Bearing Tor	
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Bit No Size Bit Type and Manufacturer Serial Number Jets Depth In Footage Hrs WOB Rpm	ROP ROT	Wt Slow F	Bearing Tor	
Bit No Size Bit Type and Manufacturer Serial Number Jets Depth In Footage Hrs WOB Rpm	ROP ROT	Wt Slow F	Bearing Tor	
Bit No Size Bit Type and Manufacturer Serial Number Jets Depth In Footage Hrs WOB Rpm	ROP ROT	Wt Slow F	Bearing Tor	
Bit Remarks: Cum. ROT. Hrs	ROT	Wt Slow F	Tor	
No. Stroke X Liner Output SPM GPM Pressure JV Pb AV Speed DC DP 1/4		Slow F		que
No. Stroke X Liner Output SPM GPM Pressure JV Pb AV Speed DC DP 1/4		Slow F		que
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No. Stroke X Liner Output gps SPM gPM gPM gPM gPm Pressure gPm JV Pb gPM gPM gPM gPm AV gpeed gPM gPM gPM gPM gPM gPM gPM gPM gPM gPM	SPM		ump Pres	-
gps DC DP 1/4 1 1/2 2 3/4 HA			Pump #2	
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HA	1			
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ength. Description.				
IUD DATA				
WT. VIS PV YP GELS WL HTHP CAKE SLDS % LGS % OIL % SD %	MBT	рН	Pm	Pf/Mf
	 			
	<u></u>			
Smpl F.L.				
Chlorides Ca++ Temp Temp Shaker Screens Hours Mud Engineer	<u> </u>	Mu	ud Compa	ny
PIT #1 #2 Desand Cent.		ł		
#3 #4 Desilt Mud CI Daily Cost		Cui	mulative C	ost
DIRECTIONAL SURVEYS	<u> </u>	1	\$2,591	
MD TVD ANGLE Direction Coordinates VS DL		CLOS	URE	
DPERATIONS SUMMARY	<u> </u>			
TIME Time Boats: Supply Boat Name:	Status:			
FROM TO HOUR Code Crew Boat Name:	Status:			
0600 0600	_	Time Su	-	
Met with Mac Sawver, Rig Manager, & Nat Guerrero, rig pusher,		ivity	Daily	Cum.
this morning. It was decided that they would lay down the	1. Mob/De			7.5
derrick, as it would be easier to remove the drill line that is jammed in between the crown and the crows nest. It will make it easier to inspect	Cement Circulate			10.5
the crown and sheaves for any damage. Leed Energy will start the	4. Directio			10.5
	5. Drilling	HOIR		1
		ipe		
repairs Monday morning. The block is to be inspected or replaced.	6. Drive Pi			
	6. Drive Pi 7. Fishing			
repairs Monday morning. The block is to be inspected or replaced.		ging		3
repairs Monday morning. The block is to be inspected or replaced. We discussed retrieving the tbg that went down hole.	7. Fishing 8. OH Log 9. Lost Cir	c.		3
repairs Monday morning. The block is to be inspected or replaced. We discussed retrieving the tbg that went down hole.	7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci	rc. mt./LOT		3
repairs Monday morning. The block is to be inspected or replaced. We discussed retrieving the tbg that went down hole. It will be at Leed Energy's expense.	7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./	rc. mt./LOT N.D.		3
repairs Monday morning. The block is to be inspected or replaced. We discussed retrieving the tbg that went down hole.	7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ N 12. P.U./L	rc. mt./LOT N.D. .D. BHA		
repairs Monday morning. The block is to be inspected or replaced. We discussed retrieving the tbg that went down hole. It will be at Leed Energy's expense.	7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./N 12. P.U./L 13. P.U./L	rc. mt./LOT N.D. .D. BHA .D. Pipe		19.5
repairs Monday morning. The block is to be inspected or replaced. We discussed retrieving the tbg that went down hole. It will be at Leed Energy's expense.	7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R	rc. mt./LOT N.D. .D. BHA .D. Pipe		19.5
repairs Monday morning. The block is to be inspected or replaced. We discussed retrieving the tbg that went down hole. It will be at Leed Energy's expense.	7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re	rc. mt./LOT N.D. .D. BHA .D. Pipe M/D		19.5 7 2
repairs Monday morning. The block is to be inspected or replaced. We discussed retrieving the tbg that went down hole. It will be at Leed Energy's expense.	7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C	rc. mt./LOT N.D. D. BHA D. Pipe VD epair asing		19.5 7 2
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								e the crov	vn. Rebuil	d the air s	slips.		2. Cemen			2
					he derric								3. Circulat			10.5
			 					ng up a no hed to the			on the h	ottom	4. Direction 5. Drilling	nal Work	 	
	 		 	•				o the side					6. Drive P	ipe	 	
					nto the d								7. Fishing			
1700	1730	0.5	28	Crew t	ravel fro	m loca	tion						8. OH Log		ļ	3
<u> </u>	 		1	├									9. Lost Cir 10. Drill C		ļ	
	 	<u> </u>	L	1									11. N.U./			
				Nation	al Oilwe	ll rep in	spected	block and	said it is (OK.			12. P.U./L			1
ļ	 		ļ	 									13. P.U./L 14. R/U; F		-	19.5 7
	-	 	†	 				· · · · · · · · · · · · · · · · · · ·	<u> </u>				15. Rig Re		10	12
										,			16. Run C	asing		11.5
		ļ		ļ								<u></u>	17. Servic		ļ	
	 		20		.,								18. Sidetr 19. Stuck		 	-
	<u>† </u>		L										20. Surve		T	
	T	T														
	ļ	<u> </u>	 	_	-		<u> </u>						21. Trips 22. Tst. B			6

Bulk Material on Board Cement: Barite;

Rig Downtime

Fuel Usage

RECEIVED

SX SX Previous Cost Daily Cost Cum. Cost

23. UR/HO 24. W.O.W. 25. Wash & Ream 26. Well Control 27. WOC 28. Other

10.5

90.5

1.5 11.5

\$208,885 \$1,945 \$210,830

		k. Lease ar			-	-	ontract F		DOL	DFS 2	Date on L		Completio		Report Mar 30	
		unction - F		SC #26-1 AFE			FF Amou		8 Auth. TD.	8	3/22/2		Mar 22, Representat		Mar 30	, 2005
<u>MD</u> ,224	<u>TVD</u> 8,224	PBT		<u>:4 E</u>		ورد انور	\$155,202	2		8,224'			Jim Lander			
		Present	Operation	ū			Rig Phon Rig Fax:	e: 	25	4-241-531	7	Toolpush	<u>er</u> Nat Guerrero			
urrent V	/eather	BLM \	/isit	7 707	NPDES		People	on Loc.:	1	Last BOP	Test Date			RIG ELEV	ATIONS	
/ind:		✓ Yes	√ No	LC50	Sample I	Date		erator					RKB			ft
eas:		Problem?	Yes		T Vas	- No		ractor rvice		Next BOP	Test Date		Water Depth	<u> </u>		ft ft
Sky:	ECORD		∠ No	Pass?	Yes	∐ No	261	vice	1				NAC-OTT			
	asing Stri	ng	OD	Wt.	Grade	Conn.	Jts.	Run	Setting MD	Depth TVD	Liner MD	Top TVD	MW when Run	Pres	LOT EMW	Leakoff?
nductor			16"		LP			1	37'	37'	MIC	140	Air	,,,,,,		
rface			9 5/8"	32.3	H40	STC		12	534'	534'			Air			
	e/Produc		7"	26	L80	LTC		56	6,839'	6,839'			8.8 8.8			
	te/Produc	tion	7" 5"	23 18	P110 P110	LTC FJ		14 19	7,455' 8224'	7,455' 8224'	7,381'	7,381'	8.7			
duction	Liner			10	F 110	''										
1815-1-	יחק קעי	ED AND H	VDB4'''	ICE DE	CORD						l		I			
BIT	ını, 3PE	Bit Typ		OS REL	, UND				Total			_	Avg		Grade	Cara
No	Size	Manufa	cturer	Serial	Number	<u> </u>	ets	Depth in	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
						_										
Bit Rer	narks;					-	Cum. I	ROT. Hrs	PU	Wt	SO	Wt	ROT	Wt	Tor	que
			1		···			1			l	T			Pump Pres	
mp No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	J۷	Pb		V 55	Speed	SPM	Pump #1	Pump #2	Pump #3
		· · · · · · · · · · · · · · · · · · ·	gps							DC	DP	1/4	ļ			
1 2			 					<u> </u>		i	<u> </u>	3/4				
IA						<u> </u>										
ength:		Descri	ption:												·····	
									-							
UD DA	rA .															
	WT.	VIS	PV	ΥP	GELS	WL	нтнр	CAKE	SLDS %	LGS %	OIL%	SD %	MBT	рН	Pm	Pf/Mf
T			1								-		<u> </u>			
		l	<u> </u>	l	ــــــــــــــــــــــــــــــــــــــ	<u> </u>	L	<u> </u>	L	<u> </u>	<u>.l</u>	<u> </u>	1	1		
			T		Smpl	F.L.									1ud Compa	
	Chl	orides	c	3++	Temp	Temp	Snake	r Screens #2	Desand		Mud Engine	eer	<u> </u>	i i	iuu Compa	iiy
Π			+		┼──	+	7,	#2			1					
			_l				#3	#4	Desilt	Mud CI	Dail	y Cost	<u> </u>	C	umulative C \$2,591	Cost
IDECT	ONAL SU	IBVEVE					<u> </u>		<u></u>	1			1		\$2,001	
	ID		/D	I Al	IGLE	Dir	ection	Coor	dinates		V\$	DL		CLOS	SURE	
							.,				ļ		<u> </u>			 .
DEDAT	IONS SI	MMARY		<u> </u>		Ц				<u> </u>	<u> </u>	1			-	
	ME	MINION	Time	Boats:			Supply	Boat Name:				_	Status:			
FROM	TO	HOUR	Code	<u> </u>				Boat Name					Status:	<u> </u>		
0600	0700	1.0	28		Travel to			ald basis					_م ا	Time S tivity	ummary Daily	Cum.
0700					ve brake	bands,	remove	old brake	paas and	replace			-		Lany	
	1730	10.5	15				4	and to oak her	akaa				11 Mob/Da	-Moh	1	1 / 5
	1730	10.5	15	install	brake ba			adjust br	akes				1. Mob/De		 	7.5
				install R/U re	brake ba placeme	ent tbg t	ongs	l adjust br	akes				2. Cemen	t		2 10.5
1730	1800	0.5	28	install R/U re	brake ba	ent tbg t	ongs	l adjust br	akes				2. Cemen 3. Circula	t		2
				install R/U re	brake ba placeme	ent tbg t	ongs	d adjust bra	akes				2. Cemen 3. Circula	t te onal Work		2
				install R/U re	brake ba placeme	ent tbg t	ongs	l adjust br	akes				2. Cemen 3. Circula 4. Directio 5. Drilling 6. Drive F	t te onal Work		2
				install R/U re Crew	brake ba placeme Travel fro	ent tbg to	ongs						2. Cemen 3. Circula 4. Directio 5. Drilling 6. Drive F 7. Fishing	t te onal Work lipe		10.5
				install R/U re Crew	brake ba placeme Travel fro Williams	ent tbg to	ongs tion	hawver wi	th Leed th	at MSC v		1	2. Cemen 3. Circula 4. Directio 5. Drilling 6. Drive F 7. Fishing 8. OH Lo	t te onat Work ripe		2
				install R/U re Crew Galan Leed	brake ba placeme Travel fro Williams	ent tbg to om loca s notified sible for	tion d Mac C	hawver wi	th Leed th	at MSC v		1	2. Cemen 3. Circula 4. Directio 5. Drilling 6. Drive F 7. Fishing 8. OH Log 9. Lost C	t te onal Work lipe gging rc.		10.5
				install R/U re Crew Galan Leed	brake ba placeme Travel fro Williams	ent tbg to om loca s notified sible for	tion d Mac C	hawver wi	th Leed th	at MSC v		4	2. Cemen 3. Circula 4. Directio 5. Drilling 6. Drive F 7. Fishing 8. OH Lo 9. Lost Ci	t te onal Work lipe gging rc. cmt./LOT		10.5
				install R/U re Crew Galan Leed	brake ba placeme Travel fro Williams	ent tbg to om loca s notified sible for	tion d Mac C	hawver wi	th Leed th	at MSC v		1	2. Cemen 3. Circula 4. Directio 5. Drilling 6. Drive F 7. Fishing 8. OH Log 9. Lost C	t te pnat Work lipe gging rc. cmt./LOT N.D.		10.5
				install R/U re Crew Galan Leed	brake ba placeme Travel fro Williams	ent tbg to om loca s notified sible for	tion d Mac C	hawver wi	th Leed th	at MSC v		4	2. Cemen 3. Circula 4. Directio 5. Drilling 6. Drive F 7. Fishing 8. OH Lo 9. Lost C 10. Drill C 11. N.U./	t teenal Work Pipe gging rc. cmt/LOT N.DD. BHA		10.5
				install R/U re Crew Galan Leed	brake ba placeme Travel fro Williams	ent tbg to om loca s notified sible for	tion d Mac C	hawver wi	th Leed th	at MSC v		3	2. Cemen 3. Circula 4. Directio 5. Drilling 6. Drive F 7. Fishing 8. OH Lo 9. Lost Ci 10. Drill C 11. N.U./ 12. P.U./I	t tee onal Work Pipe orc. Cmt./LOT N.DD. BHAD. Pipe		3 19.5 7
				install R/U re Crew Galan Leed	brake ba placeme Travel fro Williams	ent tbg to om loca s notified sible for	tion d Mac C	hawver wi	th Leed th	at MSC v		1	2. Cemen 3. Circula 4. Directio 5. Drilling 6. Drive F 7. Fishing 8. OH Lo 9. Lost Ci 10. Drill C 11. N.U./ 12. P.U./I 13. P.U./I 14. R/U; 15. Rig R	t tee onal Work lipe gging rc. ont./LOT N.DD. BHAD. Pipe R/D epair	10.5	3 19.5 7 22.5
				install R/U re Crew Galan Leed	brake ba placeme Travel fro Williams	ent tbg to om loca s notified sible for	tion d Mac C	hawver wi	th Leed th	at MSC v		1	2. Cemen 3. Circula 4. Directio 5. Drilling 6. Drive F 7. Fishing 8. OH Lo 9. Lost Ci 10. Drill C 11. N.U./ 12. P.U./I 13. P.U./I 14. R/U; 15. Rig R 16. Run C	t te onal Work lipe gging rc. cmt./LOT N.DD. BHAD. Pipe R/D epair Casing	10.5	2 10.5 3 19.5 7
				install R/U re Crew Galan Leed	brake ba placeme Travel fro Williams	ent tbg to om loca s notified sible for	tion d Mac C	hawver wi	th Leed th	at MSC v		1	2. Cemen 3. Circula 4. Directio 5. Drilling 6. Drive F 7. Fishing 8. OH Lo 9. Lost Ci 10. Drill C 11. N.U./ 12. P.U./I 13. P.U./I 14. R/U; 15. Rig R	t te conal Work lipe gging rc. cmt./LOT N.DD. BHAD. Pipe R/D epair Casing ce Rig	10.5	3 19.5 7 22.5

Bulk Material on Board Cement: Barite:

Total Hours

Rig Downtime

Daily Cum. Daily Cum. Fuel Usage

RECEIVED

SX SX Previous Cost Daily Cost Cum. Cost

20. Survey

21. Trips
22. Tst. BOPs
23. UR/HO
24. W.O.W.
25. Wash & Ream
26. Well Control
27. WOC
28. Other
Total

6

12 102.5

1.5

\$210,830 \$5,183 \$216,013

	PPI Tech Serv	nology ices	I	M: Daily
	Bloc	k, Lease and Well I	Vo.	Con
E	. Crested	Junction - Federal N	ASC #26-1	Lee
MD	TVD	<u>Footage</u>	AFE No.	AFE
8,224	8,224	PBTD		\$10

SC Exploration
Completion Report

	Serv	ices			U	anj		ואווויי	CHO	II I/C	pu	L				
		k. Lease a	nd Well N	0.			Contract F	tig	DOL	DFS	Date on	Location	Completi	on Date	Repor	t Date
E	. Crested	Junction - F	ederal M	SC #26-	1		Leed #69	2	9	9	3/22/	2005	Mar 22	2005	Mar 31	, 2005
MD	TVD	Foots	age	AFE	No.	1	AFE Amou	int	Auth, TD.			Company	Representa	tive		
8,224	8,224	PB1	D G				\$155,202			8,224'			Jim Lander			
	·-·	Presen	t Operation	on			Rig Phone) :	25	54-241-531	17	Toolpush	er			
			ng tubing				Rig Fax:						Nat Guerrero)		
												L				
Current	Weather	BLM'	/ielt		NPDES		People	on Loc :		Last BOP	Test Date			RIG ELEV	/ATIONS	
Wind:	TTOULIO	✓ Yes	√ No		Sample	Dato		rator			TOOL DUILO		RKB	,,,,,		ft
Seas:	-	Problem?	Yes	1000	Jampie	<u>Date</u>		actor		Nevt BOD	Test Date		Water Depti			ft
Sky:		Problem?		Pass?	Yes	No		vice		NOX DO	Test Date		RKB-CHF			ft
	RECORD	<u> </u>	- NU	rass:	163	140	361	VICE	L				KKB-CITI		·	"
	Casing Str		OD	Wt.	Grade	Conn.	Ito	Run	Setting	Denth	Line	Тор	MW when		LOT	
,	Jasiiy Ju	···y	55	VV.,	GIZGE	COIII.	Jia.	i Xuii	MD	TVD	MD	TVD	Run	Pres	I EMW	Leakoff?
Conducto	<u> </u>		16"		LP				37'	37'	, W.D	,,,,	Air	1105		Edulion.
Surface				32.3	H40	STC		2	534'	534'	l	<u> </u>	Air			
	ate/Produc				L80	LTC		56	6,839	6,839'	 		8.8			
	ate/Produc				P110	LTC		4	7,455'	7,455'			8.8			
Production		CUOTI			P110	FJ		9	8224'	8224	7,381'	7,381'	8.7			
Todactic	AT LITTO		<u> </u>		1 110			<u> </u>	- OLLY	OLL T	1,001	1,001			-	
												<u> </u>	1			
BIT. WÉI	GHT, SPE	ED AND H	YDRAUL	ICS REC	ORD				<u> </u>			<u> </u>				
BIT	1								Total		[Avg		Grade	
No	Size			Serial I	Number	J	ets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
Bit Re	marks:						Cum. R	OT. Hrs	PU	Wt	SO	Wt	ROT	Wt	Tor	que
Pump									,						Pump Pres	
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	JV	Pb		V	Speed	SPM	Pump #1	Pump #2	Pump #3
	<u> </u>		gps	<u> </u>	<u> </u>				.,,	DC	DP	1/4	1			
1												1/2	l			
2												3/4				
ВНА																
Length:		Descri	ption:													
MUD DA	TA														· ·	
	WT.	VIS	PV	YP	GELS	W	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	рΗ	Pm	Pf/Mf
PIŤ	1															
													1			
			I		Smpl	F.L.										_
	Chl	orides	Ca	1++	Temp	Temp	Shaker	Screens	Ho	urs M	lud Engine	er		<u> </u>	lud Compa	ny
PIT							#1	#2	Desand	Cent.						
											<u> </u>			<u></u>		
							#3	#4	Desilt	Mud Cl	Daily	/ Cost		Cı	umulative C	ost
									<u> </u>						\$2,591	
	IONAL SL															
١	ИD	9 5/8" 32.3			GLE	Dir	ection	Coor	dinates	V	/S	DL		CLOS	SURE	
		1											1			

DIRECTIONAL SUI							
MD	TVD	ANGLE	Direction	Coordinates	VS	DL	CLOSURE
L		<u></u>				<u> </u>	

TIN	иE I		Time	Boats:	Supply Boat Name:			Status:		
FROM	TO	HOUR	Code	J 554.6.	Crew Boat Name:		-	Status:		
0600	0700	1.0	28	Crew Travel to I	ocation			Time Su	mmary	
0700	1500	8.0	7	P/U impression	block, 1 stand of 2 7/8" tbg a	and RIH on sand line,		Activity	Daily	Cur
				tag top of tbg, P	OOH, impression on lead ble	ock indicated a collar		1. Mob/DeMob		7.5
			-	looking up, P/U	5 3/4" overshot w/ cut lip gui	ide, containing a 3 21/32"		2. Cement		2
					1/32" mill control, TIH on 2 7			3. Circulate		10.
					work overshot over top of t	THY MAN TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE	t	4. Directional Work		
				over top of fish,	POOH, on inspection of the	inside of the overshot,		5. Drilling		
				the collar was n	ot passing through the mill c	ontrol, Replace the 3 21/3	2"	6. Drive Pipe		
					1/4" catch all control, kept th			7. Fishing	8	8
				TIH w/ oversho	t and tagged top of fish, wor	ked the overshot over		8. OH Logging		3
				the collar on top	of tbg, work tbg, trying to w	ork fish free, no success		9. Lost Circ.		
				R/U and attemp	t to circulate, circulate throug	gh overshot		10. Drill Cmt./LOT		
				Pulled tbg to 90	kips, unable to free tbg (no	jars or DCs in work string))	11. N.U./ N.D.		
				Pulled tbg to 90	kips, set slips and kept in te	ension overnight		12. P.U./L.D. BHA		
1500	1530	0.5	28	Crew travel fron	n location			13. P.U./L.D. Pipe		19
								14. R/U; R/D		7
								15. Rig Repair		22
								16. Run Casing		11
				Leed ordered ja	rs and Dcs, to be here in the	morning.		17. Service Rig		
				The plan is to re	elease the overshot from the	tbg and POOH,		18. Sidetrack Op.		
				RIH w/ DC's and	d jars and latch the fish & att	lempt to jar it loose		19. Stuck Pipe		
			7.7	The cost of fishi	ing is on Leed Energy.			20. Survey		
			· · · · · · · · · · · · · · · · · · ·		:			21. Trips		- 6
			i	Top of liner is @	7381'			22. Tst. BOPs		
		· · · · · · · · · · · · · · · · · · ·			lulations, the tbg is stuck +/-	5000'	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	23. UR/HO		
				***************************************				24. W.O.W.		
								25. Wash & Ream		
-					41-1-1			26. Well Control		
								27. WOC		
		<u> </u>						28. Other	1.5	13
					:			Total	9.5	11
Total	Hours	9.5								
	wntime		Fuel U		Bulk Material on Board		Previous		3,013	
aily		Daily Cum.		Gals 31 Gals	Cement: Barite:	SX SX	Daily Cos Cum. Cos		945	

RECEIVED



MSC Exploration

Daily Completion Report

THE OCIVICES -			P		
Block, Lease and Well No.	Contract Rig	DOL DFS	Date on Location	Completion Date	Report Date
E. Crested Junction - Federal MSC #26-1	Leed #692	10 10	3/22/2005	Mar 22, 2005	Apr 1, 2005
MD TVD Footage AFE No.	AFE Amount	Auth. TD.	Company	Representative	
8,224 8,224 PBTD	\$155,202	8,224'		Jim Lander	
Present Operation	Rig Phone:	254-241-53	17 <u>Toolpush</u>	er	
Fishing tubing	Rig Fax:			Nat Guerrero	

		Fishi	ng tubing				Rig Fax:						Nat Guerrero	•		
Current \	Weather	BLM \	/isit		NPDES		People	on Loc.:		Last BOP	Test Date		<u> </u>	RIG ELEV	ATIONS	-
Wind:		√ Yes	☑ No	LC50	Sample	Date		rator					RKB		15	ft
Seas:		Problem?	Yes				Cont	ractor		Next BOP	Test Date		Water Dept	h		ft
Sky:			☑ No	Pass?	Yes	☐ No	Ser	vice					RKB-CHF			ft
	RECORD															
C	Casing Stri	ng	OD	Wt.	Grade	Conn.	Jts.	Run	Setting MD	Depth TVD	Liner MD	TOP	MW when Run	Pres	LOT EMW	Leakoff?
onducto	r		16"		LP			1	37'	37'			Air			
urface	4 = 10 = = d + =	41	9 5/8* 7"	32.3	H40 L80	STC		56	534'	534' 6,839'			Air 8.8			
	te/Produc		7"	26 23	P110	LTC		4	6,839' 7,455'	7,455'			8.8			
roduction			5"	18	P110	FJ		9	8224'	8224	7,381'	7,381	8.7			
																_
IT WEI	CUT QDE	ED AND H	VIDALII	ICS DEC	:OBD	·				<u> </u>	<u> </u>		L	<u> </u>		
BIT	3111, 37 E	Bit Typ		JOO INE	JOIND			Г	Total	 	T		Avg	1	Grade	
No	Size	Manufa		Serial I	Number		ets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
														 		
Bit Re	marks:					<u> </u>	Cum F	OT. Hrs	PU	Wt	so	Wt	ROT	Wt	Tor	que
DILTO	marks.					5 -				••••						
ump									-				0014		Pump Pres	
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	10	Pb	DC	V DP	Speed 1/4	SPM	Pump#1	Pump #2	Pump #
1			gps			1				- 50	, <u>b</u> r	1/2				
2					 					<u> </u>		3/4				
BHA																
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Fuel Usage

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Previous Cost Daily Cost Cum. Cost \$217,958 \$2,107 \$220,065

PPI Technology Services

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Daily Completion Report

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The fish	Desand Desitt Desitt Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier Barrier	bg collar (k pipe to find 2 pup) ime drilling ood condi 8') (top of rol, bumpe RIH on 2 profo', liner, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling time, pulling tim	@ 7975 8 inish its out iton, fish 7960 er sub, oil 7/8" tbg	DL DL	Act 1. 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RECEIVED

Previous Cost Daily Cost

\$220,065 \$1,975 \$222,040

PPI Technology **MSC** Exploration **Daily Completion Report** Services Block, Lease and Well No. E. Crested Junction - Federal MSC #26-1 Contract Rig Leed #692 <u>DOL</u> 12 Completion Date Report Date 3/22/2005 Mar 22, 2005 Apr 3, 2005 AFE Amount Auth. TD. Company Representative TVD AFE No. Footage 8,224 8,224 \$155,202 8,224 Jim Lander 254-241-5317 Rig Phone: <u>Toolpusher</u> Nat Guerrero SD for Sunday Rig Fax: Last BOP Test Date RIG ELEVATIONS Current Weather Wind: BLM Visit NPDES People on Loc.: ✓ Yes ✓ No LC50 Sample Date Problem? ☐ Yes ✓ No Pass? ☐ Yes Operator Next BOP Test Date Water Depth Seas: Contractor RKB-CHF CASING RECORD

									MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?
Conductor	г		16" 9 5/8"	32.3	LP H40	STC		2	37' 534'	37' 534'			Air Air			
Surface Inermedia	te/Produc	tion	9 5/6	26	L80	LTC		56	6,839'	6,839'			8.8			
	te/Produc		7"	23	P110	LTC		4	7,455'	7,455'			8.8			
Production	n Liner		5"	18	P110	FJ	1	9	8224'	8224'	7,381'	7,381'	8.7	ļ		· · -
	GHT, SPE	ED AND H		ICS REC	ORD			, , , , , , ,	T-4-1				Ava		Grade	
BIT No	Size	Bit Type Manufa		Serial 1	Number		ets	Depth In	Total Footage	Hrs	wob	Rpm	Avg ROP	Tooth	Bearing	Gage
140	0120	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Condit	Tallibor											
											- 66	144	001	F 144	Tor	
Bit Rer	marks:						Cum. R	OT. Hrs	PU	VVt	so	VVt	RUI	r Wt	I Of	que
Pump														Slow	Pump Pres	sures
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure]V	Pb	DC	V DP	Speed 1/4	SPM	Pump #1	Pump #2	Pump #3
1			gps							- 50	<u> </u>	1/2		†		4.0
2												3/4		Ĭ		
ВНА																
Length:		Descri	otion:													
MUD DAT	TA	,									,					
	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	pН	Pm	Pf/Mf
PIT														 		
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					Smpl	F.L.	Obelies	S						Ι,		
PIT	Chl	orides	Ca	1++	Temp	Temp	Shaker #1	Screens #2	Desand		lud Engine	er ————	<u> </u>	<u> </u>	lud Compa	ıy
,							7.			. Jon.			·			
	<u> </u>						#3	#4	Desilt	Mud Cl	Daily	Cost		Cı	mulative C	ost
DIRECTION	ONAL SU	RVEVS							L	L	L		I	<u> </u>	\$2,591	
	ID	TV	Ď	AN	GLE	Dire	ection	Coord	dinates		/Ś	DL		CLOS	SURE	
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OPERAT	IONS SU	MMARY		<u> </u>				<u> </u>	<u> </u>	L	L	L	1			
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0600 0700	1000	1.0 3.0	28 7		ravel to		not, no fi	e b					Δ.	time Si	ummary Daily	Cum.
0700	1000	3.0	 '						oke, A pie	ce of the	aach		1. Mob/De		Daily	7.5
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				of the c	rapple i	ndicate	that it wa	s partially	over the	tbg.			4. Direction	nal Work		
			L) would n				Drilling			
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1000	1030	0.5	28	+	ravel fro		ion						11. N.U./			
	 	† <u></u>	t	†									12. P.U./L			
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									and Mac I				15. Rig R	R/D epair		7 22.5
				fishin	g operat	ions will	cease a	nd norma	l operatio				15. Rig Ro 16. Run C	R/D epair Casing		7
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				fishin	g operat	ions will	cease a	nd norma main in 5"	l operatio				15. Rig Ri 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips	R/D epair Casing ce Rig rack Op. Pipe		7 22.5
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				fishing	g operat	ions will ing. Fis	cease a	nd norma	l operatio				15. Rig Ri 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/H 24. W.O.V 25. Wash	R/D epair Casing ce Rig cack Op. Pipe Y OPs O & Ream		7 22.5 11.5
				fishing	g operat	ions will ing. Fis	cease a	nd norma	l operatio				15. Rig Ri 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/H 24. W.O.V 25. Wash 26. Well C	R/D epair Casing ce Rig cack Op. Pipe Y OPs O & Ream Control		7 22.5 11.5
				fishing	g operat	ions will ing. Fis	cease a	nd norma	l operatio				15. Rig Rd 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/Hd 24. W.O.V 25. Wash 26. Well C 27. WOC	R/D epair casing ce Rig cack Op. Pipe cy OPs ON. & Ream Control	1.5	7 22.5 11.5
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	Hours	4.5		fishing Mond	g operat	ions will	cease a	nd norma	l operatio				15. Rig Ro 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/Ho 24. W.O.V 25. Wash 26. Well C 27. WOC 28. Other	R/D epair Casing te Rig ack Op. Pipe ty OPs O N. & Ream Control	4.5	7 22.5 11.5 6 1
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	IPPI
	Technology
	Services
	Block, Lease and We
l =	Creeted lunction - Endors

MSC Exploration

	Servi	ices	Dail	y Comp	letio	n Re	por	t			
	Bloc	k, Lease and Well N	<u>o.</u>	Contract Rig	DOL	<u>DFS</u>	Date on	ocation	Completion Date	Repo	ort Date
E	. Crested	Junction - Federal M	SC #26-1	Leed #692	13	13	3/22/	2005	Mar 22, 2005	Apr	4, 2005
MD	TVD	<u>Footage</u>	AFE No.	AFE Amount	Auth, TD.			Company	Representative		
8,224	8,224	PBTD		\$155,202	1	8,224'			Jim Lander		
		Present Operation	on	Rig Phone:	2	54-241-531	17	Toolpush	et		
		Prep to GIH	Sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign of the sign o	Rig Fax:					Nat Guerrero		
Current	Weather	BLM Visit	NPDES	People on Loc.:		Last BOP	Test Date		RIG ELE\	/ATIONS	
Wind:		✓ Yes ✓ No	LC50 Sample Date	Operator					RKB	15	ft
Seas:		Problem? Yes		Contractor		Next BOP	Test Date		Water Depth		ft
Sky:		✓ No	Pass? Yes No	Service					RKB-CHF		ft

		Pre	p to GIH		:		Rig Fax:		-				Nat Guerrer)		
Current 1	Weather	BLM '	Visit	<u> </u>	NPDES		People	on Loc.:		Last BOP	Test Date		I	RIG ELEV	/ATIONS	
Wind:		✓ Yes	∠ No	LC50	Sample	<u>Date</u>	Оре	erator					RKB		15	ft
Seas:		Problem?						ractor		Next BOP	Test Date		Water Depti	h		ft
Sky: CASING	PECOPO		✓ No	Pass?	☐ Yes	∐ No	Se	rvice	L	<u> </u>			RKB-CHF			ft
	asing Str		OD	Wt.	Grade	Conn.	Jts.	Run	Setting MD	Depth TVD	Line: MD	Top TVD	MW when Run	Pres	LOT EMW	Leakoff?
Conducto	r		16"	22.2	LP	STC		1 12	37' 534'	37' 534'			Air			
Surface Inermedia	te/Produc	ction	9 5/8" 7"	32.3 26	H40 L80	STC		56	6,839'	6,839			Air 8.8	 	<u> </u>	
	te/Produc	ction	7"	23	P110	LTC		14	7,455'	7,455'			8.8			
Productio	n Liner		5"	18	P110	FJ		19	8224'	8224'	7,381'	7,381'	8.7			
	GHT, SPE	ED AND H		ICS REC	ORD	goar er t				G				· · · · · · · · · · · · · · · · · · ·		
BIT O	Size	Bit Typ Manufa		Serial	Number		ets	Depth In	Total Footage	Hrs	wob	Rpm	Avg ROP	Tooth	Grade Bearing	Gage
Dia Da		L						OT No	Bu	Wt	- 60	10/4	ROT	10/4	To.	FOLIO
Bit Re	marks:						Cum. F	ROT, Hrs	l Pu	VVI	50	Wt	i Roi	VVI	10	rque
Pump							L					Ī		Slow	Pump Pres	ssures
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure		Pb	DC	V DP	Speed 1/4	SPM	Pump #1	Pump #2	Pump #3
1			gps						 	00	<u> </u>	1/2				
2										<u> </u>		3/4			<u> </u>	
ВНА																
Length:		Descri	ption:											· · · · · ·		
MUD DA		Vie	PV	YP	GELS	WL	штио	CAKE	SLDS %	LGS %	OIL %	SD %	мвт	n-H	Pm	Pf/Mf
PIT	WT.	VIS	1 FV	· · · ·	GELS	VVL	HTHP	OARE	0LD0 %	LU3 %	UIL 76	30 %	IAIDI	pН	F1H	1 r mivii
		-			Smpl	F.L.			,			· · · · · · · · · · · · · · · · · · ·				
	Chi	orides	Ca	3++	Temp	Temp	Shaker	Screens	Ho	urs M	lud Engine	er		№	lud Compa	ny
PIT							#1	#2	Desand	Cent.						
			<u> </u>		<u> </u>		#3	#4	Desilt	Mud CI	Daily	Cost	1	Ci	imulative C	Cost
							#3		Desir	Midd Ci	, Daily	0000			\$2,591	,000
DIRECTION			5		OLE.	- B1		T A	r		<u> </u>	Y 5:	7	01.00	WDE.	
М	U	TV	<u>ل</u>	AN	GLE	Dire	ection	Coord	dinates	V	'S	DL		CLOS	SURE	
						<u> </u>		 	<u> </u>	 						
OPERAT	IONS SU	MMARY						•								
				Doote:			Sunnly B	oat Name:					Status:			
TI	ME	HOUR	Time	Boats:				nat Name:				-				
TII FROM	ME TO	HOUR	Code		Sunday			oat Name:				-	Status:	Time Su	ımmarv	
TII FROM	ME	HOUR			Sunday			oat Name:				-			ımmary Daily	Cum.
TII FROM	ME TO	HOUR		SD for	Sunday		Crew B	oat Name:					Status:	ivity		Cum. 7.5
TII FROM	ME TO	HOUR		SD for			Crew B	oat Name:					Status: Acti 1. Mob/De 2. Cement	ivity Mob		
TII FROM	ME TO	HOUR		SD for			Crew B	oat Name:					Acti 1. Mob/De 2. Cement 3. Circulat	Mob e		7.5
TII FROM	ME TO	HOUR		SD for			Crew B	oat Name:					Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction	Mob e		7.5
TII FROM	ME TO	HOUR		SD for			Crew B	oat Name:					Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling	Mob e nal Work		7.5
TII FROM	ME TO	HOUR		SD for			Crew B	oat Name:					Acti 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi	Mob e nal Work		7.5 2 10.5
TII FROM	ME TO	HOUR		SD for			Crew B	oat Name:					Acti 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing	Mob e nal Work		7.5
TII FROM	ME TO	HOUR		SD for			Crew B	oat Name:					Acti 1. Mob/De 2. Cement 3. Circulat 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log	Mob e nal Work pe		7.5 2 10.5
TII FROM	ME TO	HOUR		SD for			Crew B	oat Name:					Acti 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing	Mob e nal Work pe ging c.		7.5 2 10.5
TII FROM	ME TO	HOUR		SD for			Crew B	oat Name:					Acti 1. Mob/De 2. Cement 3. Circulat 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ N	e nal Work pe ging c. mt./LOT		7.5 2 10.5
TII FROM	ME TO	HOUR		SD for			Crew B	oat Name:					Acti 1. Mob/De 2. Cement 3. Circulat 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ N 12. P.U./L.	e nal Work pe ging c. mt./LOT N.D.		7.5 2 10.5
TII FROM	ME TO	HOUR		SD for			Crew B	oat Name:					Acti 1. Mob/De 2. Cement 3. Circulat 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Cr 11. N.U./ N 12. P.U./L 13. P.U./L	mal Work ging c. mt./LOT N.D. D. BHA		7.5 2 10.5 34 3
TII FROM	ME TO	HOUR		SD for			Crew B	oat Name:					Acti 1. Mob/De 2. Cement 3. Circulat 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R	e nal Work pe ging c. mt./LOT N.D. D. BHA D. Pipe		7.5 2 10.5 34 3 19.5 7
TII FROM	ME TO	HOUR		SD for			Crew B	oat Name:					Acti 1. Mob/De 2. Cement 3. Circulat 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re	e nal Work pe ging c. mt./LOT N.D. D. BHA D. Pipe		7.5 2 10.5 34 3 19.5 7 22.5
TII FROM	ME TO	HOUR		SD for			Crew B	oat Name:					Acti 1. Mob/De 2. Cement 3. Circulat 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C	e nal Work pe ging c. mt./LOT N.D. D. BHA D. Pipe		7.5 2 10.5 34 3 19.5 7
TII FROM	ME TO	HOUR		SD for			Crew B	oat Name:					Acti 1. Mob/De 2. Cement 3. Circulat 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Cr 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Service	mal Work ging c. mt./LOT N.D. D. BHA D. Pipe pair asing e Rig		7.5 2 10.5 34 3 19.5 7 22.5
TII FROM	ME TO	HOUR		SD for			Crew B	oat Name:					Acti 1. Mob/De 2. Cement 3. Circulat 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Cr 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Service 18. Sidetra	ging c. mt./LOT N.D. D. BHA D. Pipe pair asing e Rig ack Op.		7.5 2 10.5 34 3 19.5 7 22.5
TII FROM	ME TO		Code	SD for			Crew B						Acti 1. Mob/De 2. Cement 3. Circulat 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Cr 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Service	ging c. mt./LOT N.D. D. BHA D. Pipe epair asing e Rig ack Op. Pipe		7.5 2 10.5 34 3 19.5 7 22.5
TII FROM	ME TO		Code	SD for			Crew B						Acti 1. Mob/De 2. Cement 3. Circulat 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Cr 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Service 18. Sidetra 19. Stuck	ging c. mt./LOT N.D. D. BHA D. Pipe epair asing e Rig ack Op. Pipe		7.5 2 10.5 34 3 19.5 7 22.5
TII FROM	ME TO		Code	SD for			Crew B						Acti 1. Mob/De 2. Cement 3. Circulat 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Cr 11. N.U./ N 12. P.U./L. 13. P.U./L. 14. R/U; R 15. Rig Re 16. Run C 17. Service 18. Sidetra 19. Stuck 20. Survey 21. Trips 22. Tst. B0	ivity Mob e nal Work pe ging c. mt./LOT N.D. D. BHA D. Pipe //D pair asing e Rig ack Op. Pipe //		7.5 2 10.5 34 3 19.5 7 22.5 11.5
TII FROM	ME TO		Code	SD for			Crew B						Acti 1. Mob/De 2. Cement 3. Circulat 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Cr 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Service 18. Sidetra 19. Stuck I 20. Survey 21. Trips 22. Tst. BC 23. UR/HC	ging c. mt./LOT N.D. D. BHA D. Pipe e Rig ack Op. Pipe //		7.5 2 10.5 34 3 19.5 7 22.5 11.5
TII FROM	ME TO		Code	SD for			Crew B						Acti 1. Mob/De 2. Cement 3. Circulat 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Cr 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Service 18. Sidetra 19. Stuck I 20. Survey 21. Trips 22. Tst. BC 23. UR/HC 24. W.O.W	ging c. mt./LOT N.D. D. BHA D. Pipe e Rig ack Op. Pipe // DPs		7.5 2 10.5 34 3 19.5 7 22.5 11.5
TII FROM	ME TO		Code	SD for			Crew B						Acti 1. Mob/De 2. Cement 3. Circulat 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Cr 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Service 18. Sidetra 19. Stuck 20. Survey 21. Trips 22. Tst. B0 23. UR/HC 24. W.O.W 25. Wash	wity Mob e nal Work pe ging c. mt./LOT N.D. D. BHA D. Pipe d/D epair asing e Rig ack Op. Pipe / OPs OV. & Ream		7.5 2 10.5 34 3 19.5 7 22.5 11.5
TII FROM	ME TO		Code	SD for			Crew B						Acti 1. Mob/De 2. Cement 3. Circulat 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Cr 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Service 18. Sidetra 19. Stuck 20. Survey 21. Trips 22. Tst. B0 23. UR/HC 24. W.O.W 25. Wash 26. Well C	wity Mob e nal Work pe ging c. mt./LOT N.D. D. BHA D. Pipe d/D epair asing e Rig ack Op. Pipe / OPs OV. & Ream		7.5 2 10.5 34 3 19.5 7 22.5 11.5
TII FROM	ME TO		Code	SD for			Crew B						Acti 1. Mob/De 2. Cement 3. Circulat 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Cr 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Service 18. Sidetra 19. Stuck I 20. Survey 21. Trips 22. Tst. BG 23. UR/HG 24. W.O.W 25. Wash 26. Well C 27. WOC	wity Mob e nal Work pe ging c. mt./LOT N.D. D. BHA D. Pipe d/D epair asing e Rig ack Op. Pipe / OPs OV. & Ream		7.5 2 10.5 34 3 19.5 7 22.5 11.5
TII FROM	ME TO		Code	SD for			Crew B						Acti 1. Mob/De 2. Cement 3. Circulat 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Cr 11. N.U./ N 12. P.U./L. 13. P.U./L. 14. R/U; R 15. Rig Re 16. Run C 17. Service 18. Sidetra 19. Stuck 20. Survey 21. Trips 22. Tst. B0 23. UR/HC 24. W.O.W 25. Wash 26. Well C 27. WOC 28. Other	wity Mob e nal Work pe ging c. mt./LOT N.D. D. BHA D. Pipe d/D epair asing e Rig ack Op. Pipe / OPs OV. & Ream		7.5 2 10.5 34 3 19.5 7 22.5 11.5
TIII FROM 0600	ME		Code	SD for			Crew B						Acti 1. Mob/De 2. Cement 3. Circulat 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Cr 11. N.U./ N 12. P.U./L. 13. P.U./L. 14. R/U; R 15. Rig Re 16. Run C 17. Service 18. Sidetra 19. Stuck 20. Surve 21. Trips 22. Tst. BG 23. UR/HG 24. W.O.W 25. Wash 26. Well C 27. WOC 28. Other Total	wity Mob e nal Work pe ging c. mt./LOT N.D. D. BHA D. Pipe //D spair asing e Rig ack Op. Pipe / DPs OPs V. & Ream ontrol	Daily	7.5 2 10.5 34 3 19.5 7 22.5 11.5
Tilf FROM 0600	ME		Code	SD for		Bulk Mi	Crew B					Previous	Acti 1. Mob/De 2. Cement 3. Circulat 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Cr 11. N.U./ N 12. P.U./L. 13. P.U./L. 14. R/U; R 15. Rig Re 16. Run C 17. Service 18. Sidetra 19. Stuck 20. Survey 21. Trips 22. Tst. BC 23. UR/HC 24. W.O.W 25. Wash 26. Well C 27. WOC 28. Other Total	wity Mob e nal Work pe ging c. mt./LOT N.D. D. BHA D. Pipe //D spair asing e Rig ack Op. Pipe / DPs / & Ream ontrol	Daily	7.5 2 10.5 34 3 19.5 7 22.5 11.5
Tilf FROM 0600	ME		Fuel U	SD for			Crew B			SX SX		Previous	Acti 1. Mob/De 2. Cement 3. Circulat 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Cr 11. N.U./N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Servici 18. Sidetra 19. Stuck I 20. Survey 21. Trips 22. Tst. BC 23. UR/HC 24. W.O.W 25. Wash 26. Well C 27. WOC 28. Other Total	wity Mob e nal Work pe ging c. mt./LOT N.D. D. BHA D. Pipe //D epair asing e Rig ack Op. Pipe // DPs) / & Ream ontrol \$223 \$1,	Daily	7.5 2 10.5 34 3 19.5 7 22.5 11.5

RECEIVED

PPI Technology **MSC** Exploration **Daily Completion Report** Services Block, Les Contract Rig Leed #692 AFE Amount Block, Lease and Well No. E. Crested Junction - Federal MSC #26-1 <u>DOL</u> 14 3/22/2005 Mar 22, 2005 Apr 5, 2005 TVD AFE No. Auth. TD. Footage MD Company Representative 8,224' 254-241-5317 7,960 7,960 PBTD \$155,202 Jim Lander Present Operation Rig Phone Prep to perforate Rig Fax: Nat Guerrero Current Weather Wind: NPDES Last BOP Test Date RIG ELEVATIONS BLM Visit People on Loc. Operator ✓ Yes ✓ No Problem? Yes No Pass? Next BOP Test Date Water Depth Seas: Contractor Sky: RKB-CHF CASING RECORD MW when OD Wt. Grade Conn. Jts. Run Setting Depth Liner Top

	Casing Stri	ing	OD	Wt.	Grade	Conn.	Jts.	Run	Setting MD	Depth TVD	Line:	Top TVD	MW when Run	Pres	LOT EMW	Leakoff?
Conducto	νr		16"	-	LP			1	37'	37'	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Air	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Surface			9 5/8"	32.3	H40	STC		12	534'	534'			Air			
nermedia	te/Produc	ction	7*	26	L80	LTC		56	6,839'	6,839'			8.8			
	te/Produc	ction	7"	23	P110	LTC		14	7,455'	7,455'			8.8		ļ	
roductio	n Liner		5"	18	P110	FJ	ļ	19	8224'	8224'	7,381'	7,381'	8.7		 	
	<u>-</u>		<u> </u>		ļ				<u> </u>							-
SIT, WEI	GHT, SPE	ED AND H	YDRAUL	ICS REC	CORD					<u> </u>						
BIT		Bit Typ							Total				Avg	-	Grade	
No	Size	Manufa	cturer	Serial	Number		lets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
				<u> </u>												
Bit Re	marks:	<u> </u>	-				Cum. F	ROT. Hrs	PU	Wt	so	Wt	ROT	Wt	Tor	que
					,			,						Gl	Direct Deca	
Pump No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	JV	Pb	Α	٧V	Speed	SPM		Pump Pres Pump #2	
140.	Stroke	A CHIO	gps]	0	'''		"	'-	DC	DP	1/4				
1			3,	<u> </u>								1/2				
2												3/4				
ЗНА					**	1										
Length:		Descri	otion:													
				· · · · · · · · · · · · · · · · · · ·	<u></u>											
MUD DA	ŦA .				• • •											
NOD DA		VIS	PV	YP	GELS	WL	НТНР	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	pН	Pm	Pf/Mf
217	WT.) VIS	PV	117	GELS	VVL	піпе	CARE	3LD3 %	1 100 %	OIL /6	30 /6	I WIST	Pri		1 (/141)
PIT		-	 	†		 	T	 	 	 	1					
	L	<u> </u>				•	<u> </u>					-	<u> </u>	1	1	h
					Smpl	F.L.	<u>.</u>		T							
-14	Chi	orides	Ca	3++	Temp	Temp		Screens			lud Engine	er	<u>L</u>	<u> </u>	lud Compar	ny
PIT			ļ		-		#1	#2	Desand	Cent.	4					
	<u>. </u>		L			<u> </u>	#3	#4	Desilt	Mud Cl	Daily	Cost	T	Ci	umulative Co	ost
							#0		Dodan	Widd Oi					\$2,591	
DIRECTI	ONAL SU	RVEYS					-	•		·						
N	1D	TV	D	AN	IGLE	Dir	ection	Coor	dinates	V	/\$	DL		CLOS	URE	
				ļ		ļ					ļ					
ODERAT	IONS SU	MMARY		l		L		<u> </u>	L		<u> </u>	<u> </u>				
	ME	MIMARI	Time	Boats:			Supply B	oat Name:		·		···	Status:			
FROM	TO	HOUR	Code	Dogis.				oat Name:				-	Status:			
0600	0700	1.0	28	Crew T	ravel to	location	1							Time S	ummary	
0700	0800	1.0	12		s and ja		19						Act	ivity	Daily	Cum.
0800	1000	2.0	21	P/U se	at nipole	and Ti	H on 2 7	8" tha to	6842' (109	stands)	-		1. Mob/De	Mob		7.5
1000	1100	1.0	3						reshwater				2. Cement			2
1100	1200	1.0	3		e well w					-			3. Circulat		2	12.5
1200	1600	4.0	28					ld, swabb	ed a total	of 175 bb	ols of		4. Directio	nal Work		
				KCL to	frac tan	k							5. Drilling			
1600	1900	3.0	13	РООН	w/ 2 7/8	" tbg (ra	ack a tota	of 101 s	tands in c	errick), L/	/D 48 jts		6. Drive P	ре		
										ts in fair c			7. Fishing			34
1900	1930	0.5	28		ravel from								8. OH Log	ging		3
													9. Lost Cir			
			T	l									10. Drill C			
		1	1	Ī									11. N.U./ I			[
		1			-								12, P.U./L		1	1
			1										13. P.U./L		3	22.5
								 					14. R/U; R			7
													15. Rig Re			22.5
													16. Run C			11.5
]	1			-								17. Servic			
-	· · · · · · · · · · · · · · · · · · ·	ľ		The joi	ints in fai	r condit	tion could	be used	if necessa	ary.			18. Sidetra			
								97.		inspected	1		19. Stuck			
				Γ				×	-				20. Surve		Ţ	I .
				Estima	te fluid k	evel @	+/- 4900'						21. Trips		2	8
		1							hole w/ th	e test pac	:ker		22. Tst. B	OPs		1
				tomorr			×_	 					23. UR/H			
				1									24. W.O.V		T	
	†···	1	T	1									25. Wash			
										*			26. Well C		1	
			_	 									27. WOC		<u> </u>	
		1											28. Other		1 55	23.5
					····								120. Unier		0.0	
														····	5.5 13.5	
Total	Hours	13.5											Total		13.5	156
		13.5	Fuel U	Jsage		Bulk M	aterial on	Board				Previous	Total Cost		13.5 5,960	
	Hours	13.5 Daily Cum.		Jsage 331	Gals Gals	Bulk M Cemer Barite:	nt:	Board		SX SX		Previous Daily Co Cum. Co	Total Cost	\$7	13.5	

PPI Technology Services MSC Exploration Daily Completion Report

1	Dervi	ces								
	Bloc	k, Lease and Well N	0.	Contract Rig	DOL	DFS	Date on Le	ocation	Completion Date	Report Date
E	. Crested	Junction - Federal M	SC #26-1	Leed #692	15	15	3/22/2	005	Mar 22, 2005	Apr 6, 2005
MD	TVD	Footage	AFE No.	AFE Amount	Auth. TD.		9	Company	Representative	
7,960	7,960	PBTD		\$155,202		8,224'			Jim Lander	
	·	Present Operation	on .	Rig Phone:	2	54-241-53	17]	Tooloush	<u>er</u>	
		Swabbing		Rig Fax:					Nat Guerrero	

			abbing				Rig Fax:	·.					Nat Guerrer	0	A 8 =	
Current V	Venther I	BLM \	/ieit		NPDES	•	People	on Loc.:		ast BOP	Test Date		I	RIG ELEV	ATIONS	
Wind:	veauter	✓ Yes	√ No	LC50	Sample	Date		rator		Lust DOI	1001 0010	**************************************	RKB			i i
Seas:		Problem?	Yes		Julijajo	<u> </u>		ractor		Next BOP	Test Date	1	Water Dept	h		ft
Sky:				Pass?	Yes	□No	Ser	vice					RKB-CHF		1	t
ASING F	RECORD	· ·		1.												
C	asing Stri	ng	OD	Wt.	Grade	Conn.	Jts.	Run		Depth		Top	MW when	Dran	LOT EMW	Leakoff
			16"		LP			1	MD 37'	TVD 37'	MD	TVD	Run	Pres	EIVIVV	Leakon
onductor urface	<u> </u>		9 5/8"	32.3	H40	STC		12	534'	534'	· · · · ·		Air			
	te/Produc	tion	7"	26	L80	LTC		56	6,839'	6,839	· · · · · ·		8.8			
	te/Produc		7"	23	P110	LTC	1	14	7,455	7,455			8.8			
roduction	n Liner		5"	18	P110	FJ	1	19	8224'	8224'	7,381'	7,381'	8.7	ļ		
							<u> </u>		<u> </u>			ļ	ļ	_		
T WEIG	LUT COE	ED AND H	YDRAIII	ICS RE	ORD		L		<u> </u>		<u> </u>		l	<u> </u>	<u> </u>	
BIT	3H1, 3FE	Bit Typ		ICO ICE	JONE				Total	<u> </u>			Avg		Grade	
No	Size	Manufa		Serial	Number	J	ets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
													I	<u> </u>		_
				l		l				144		1	90	TWt	Tore	1110
Bit Ren	narks:						Cum. F	ROT. Hrs	PU	Wt	j şu	Wt	RU	I VVI	I TOR	ue
ump			T	r		Γ				1	<u> </u>	T	 		Pump Press	
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	J∨	Pb		١V	Speed	SPM		Pump #2	
			gps		1	<u> </u>				DC	DP	1/4			<u> </u>	
1												1/2	ļ	ļ	1	
2				100				l	L	L	<u> </u>	3/4	<u> </u>		<u>. </u>	
HA			- 47 -						<u> </u>							
ength:		Descri	ption:													
				 -												
UD DA1	Α															
I DO GA	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	мвт	ρН	Pm	Pf/Mf
iī i		710	 	 	1	1								<u> </u>		
"			†			1								Ī		
	<u> </u>			<u> </u>		·										
					Smpl	F.L.	Chalco	Carnana	l		4 F			1.	Aud Compar	
V.T.	Chi	orides	C	a++	Temp	Temp		Screens #2			/lud Engine	er		 	nud Compai	iy
ग	-		ļ		 	 	#1	#2	Desand	Cent.	4			ļ		
	L		1		ــــــــــــــــــــــــــــــــــــــ	<u> </u>	#3	#4	Desilt	Mud CI	Dail	y Cost	T	C	umulative C	ost
													Ţ		\$2,591	
	ONAL SU							, ,		,		DL		61.0	SURE	
М	ID	TV	'U	Ar	IGLE	1 1011	ection	Coor	dinates	,	/\$ T	DL	+	CEO	JUIL	
						+			+	1		1	-			
PERAT	IONS SU	MMARY		4												
	ME	1	Time	Boats:				oat Name				_	Status:			
FROM	то	HOUR	Code	<u> </u>			Crew E	Boat Name	:				Status:			
0600	0700	1.0	28		ravel to l								4.		ummary	
0700	0830	1.5	8						w/ 4" csg		fluid @ 4	600'	***************************************	tivity	Daily	Cum
		<u> </u>	<u> </u>						40' to 645				1. Mob/Do		1	7.5
		<u> </u>		_					v/ 3 shots			<u> </u>	2. Cemen		 	2
			1	+		enetratio	n, POO	l, estimat	te top of fl	uid @ 45	50',		3. Circula			12.5
			<u> </u>	R/D E									-	onal Work	 	
0830	1430	6.0	28					_	nerford 7"				5. Drilling		 	
		ļ	1						t stand of				6. Drive F		_	
									ue to TIH			3	7. Fishing			34
			1						to 6000 p				8. OH Lo		1.5	4.5
			<u> </u>						all 8' pup j	t and pres	sure test		9. Lost Ci		 	
			1				-testing						10. Drill C			<u> </u>
1430	1600	1.5	28	Set W	eatherfo	rd pack	er @ 634	10', R/U s	wab lubric	ator and r	manifold		11. N.U./		 	
			<u> </u>						est, releas					.D. BHA	<u> </u>	1
	<u> </u>	<u> </u>							from seat			covered	13. P.U./l		1	22.5
		<u> </u>							, pull from				14. R/U;			7
			<u></u>	recove	ered 5 bb	ols of flu	id, 3rd ru	ın; did no	t tag fluid,	pulled fro	m seat		15. Rig R	ераіг		22.5
		<u> </u>		nipple	, no fluid	recove	red. (rec	overed a	total of 10	bbls)			16. Run (Casing	1	11.5
1600	1630	0.5	28	Wait 3	0 minute	s for flu	uid to rise)					17. Servi	ce Rig	<u> </u>	<u> </u>
1630	1645	0.3	28	4th rui	n: did no	t tag flu	id, pulled	from sea	t nipple n	o fluid rec	overed		18. Sidet	rack Op.	<u> </u>	L
1645	1715	0.5	28	Wait 3	0 minute	es for flu	id to rise						19. Stuck	Pipe		
1715	1730	0.3	28						t nipple n	o fluid rec	overed		20. Surve	эу		
			T	SWFN									21. Trips			8
1730	1800	0.5	28	+	travel fro	m locat	ion						22. Tst. E			1
	l	1	1	1		1							23. UR/H			
	 	<u>† </u>	T	No inc	lication o	of influx	from the	formation	/ will che	k in the n	norning.		24. W.O.		1	
	<u> </u>	T	1 .						m city of					& Ream		
	 	1	1	1		guic			, -				26. Well (1	1

Bulk Material on Board

Cement: Barite:

Fuel Usage

Daily Cum

Gals Gals

RECEIVED

SX SX

26. Well Control 27. WOC

28. Other Total

Previous Cost Daily Cost Cum. Cost

10.5 12

\$233,127 \$16,529 \$249,656

34 168

	PPI Techi Servi	nology ces			D	l aily	MSC y Co	Ex _l	olora etio	atior n Re	n port	t				
	Bloc	k, Lease ar Junction - F				-	Contract F	_	<u>DOL</u> 16	<u>DFS</u> 16	Date on 3/22/		Completi Mar 22		Repor Apr 7,	
MD	TVD	Foota	ige .		No.		AFE Amoi	unt	Auth. TD.		SIZZI		Representa	<u> </u>	- Apr. 1	2000
7,960	7,960	PBT	D t Operatio	on.		<u> </u>	\$155,202 Rig Phon		2	8,224' 54-241-531	17	Toolpush	Jim Lander er			
		Prep	to swab		· ·	n e se s	Rig Fax:						Nat Guerrer)		
Current \	Veather	BLM \	/isit	, -	NPDES		People	on Loc.:		Last BOP	Test Date			RIG ELEV		
Wind: Seas:		✓ Yes Problem?	✓ No Yes	LC50	Sample	Date		rator ractor		Next BOP	Test Date		RKB Water Dept	h		ft
Sky:		T TODIOTIT.		Pass?	Yes	□No		vice					RKB-CHF			ft
CASING	asing Stri	ng	OD	Wt.	Grade	Conn.	Jts.	Run	Setting	Depth	Line	Тор	MW when		LOT	
· · · · · · ·			400					4	MD 37'	TVD 37'	MD	TVD	Run	Pres	EMW	Leakoff?
Conducto Surface	<u> </u>		16" 9 5/8"	32.3	LP H40	STC		1	534'	534'		<u> </u>	Air			
	te/Produc		7" 7"	26 23	L80 P110	LTC LTC		56 14	6,839' 7,455'	6,839' 7,455'			8.8			
Productio		UOII	5"	18	P110	FJ		19	8224'	8224'	7,381'	7,381'	8.7			
	<u>-</u>			ļ		-										
	GHT, SPE	ED AND H		ICS RE	CORD				Total	1	ī		Avg	1	Grade	
BIT No	Size	Bit Type Manufa		Serial	Number		lets	Depth In		Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
Bit Re	marks:					<u> </u>	Cum. F	ROT. Hrs	PL	Wt	SC	Wt	RO1	l Wt	Tor	que
		·-		,	,			I		T		1		Slow	Pump Pres	sures
Pump No.	Stroke	X Liner	Output	SPM	GPM	Pre	essure	٦٧	Pb	DC	V DP	Speed 1/4	SPM		Pump #2	
1												1/2				
2 BHA			l		<u> </u>	<u> </u>		<u> </u>	<u> </u>			3/4		<u> </u>	<u> </u>	L
Length:		Descri	ption:													
MUD DA		VIS	PV	ΥP	GELS	WL	нтнр	CAKE	SLDS %	LGS %	OIL %	SD %	мвт	рН	Pm	Pf/Mf
PIT	WT.	VIS	l FV	1,5	GELS	WL	111111	OARC	OLDO 70	200 %	<u> </u>			P		
	L		<u> </u>	<u> </u>	<u> </u>	L	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	J	<u> </u>	<u> </u>	<u>. </u>
	Chi	orides		3++	Smpl	F.L. Temp	Shaker	Screens	н	ours A	Aud Engine	eer			fud Compa	nv
PIT	Crit	ondes		177	Tomp		#1	#2	Desand		ido Erigini		J	1		
			ـــــــ		L	<u> </u>	#3	#4	Desilt	Mud CI	Daily	y Cost		Ci	ımulative C	ost
DIDECTI	ONAL SU	DVEVE		·				Ι							\$2,591	
	ID	TV	D D	AN	IGLE	Di	rection	Coor	dinates	7	/S	DL	ļ	CLOS	SURE	
				-		├			<u> </u>	 	ļ		 			
	IONS SU	MMARY	1 =	in.			C	last Name					Status:			
FROM	ME TO	HOUR	Time Code	Boats:				Soat Name Soat Name				_	Status:			
0600 0700	0700 0730	1.0 0.5	28 28		Travel to			bled off c	oo (oir)	· · · · · · · · · · · · · · · · · · ·	_		- A.	Time So tivity	ummary Daily	Cum.
0700	0/30	0.5	20			<u>-</u>				, pulled fr	om		1. Mob/De		L	7.5
								d recover	ed		•		2. Cemen			2
0730 0830	0830	1.0 0.5	28		or fluid le			fluid, pulle	ed from				 Circula Direction 			12.5
		0.0		from s	eat nippl	e (6335	i'), no flui	d recover					5. Drilling			
0900	0930 1530	0.5	28				uipment				0000		6. Drive P			34
0930	1530	6.0	28							surface lin d (pickling			7. Fishing 8. OH Log			4.5
		<u> </u>		_						out pickli			9. Lost Ci	_		
ļ <u>-</u>			1	_						Mod Acid	101,		10. Drill C		ļ	
		-	+						csg to 50 464 psi, ir	o psi. ito format	iom		12. P.U./L		 	1
										o 2.3 BPN			13. P.U./L			22.5
	<u> </u>	ļ	 							of Mod Ad	oid 101		14. R/U; f 15. Rig R		ļ	22.5
 	1	<u> </u>	1					KCL wat	ver displa er				16. Run C			11.5
				ISIP =	3142 ps	i, 5 mir	SIP = 30	003 psi, 1	0 min SIP	= 2939 p			17. Service			
1530	1600	0.5	20	_				II in, R/D	Halliburto	n Service	s		18. Sidetr 19. Stuck		 	
1000	1000	0.5	28	Crew	travel fro	in local	iiOf I					· · · · · ·	20. Surve			
										the acid			21. Trips			8
	ļ		-		mation. ed the pe			any ball a	ction whe	n the Bio I	oalls		22. Tst. B 23. UR/H		-	1
			<u>t</u>	reache	eu me pe	. iorauc	n 10.						24. W.O.\			
		1		1								,	25. Wash			

Previous Cost
sx Daily Cost
sx Cum. Cost
RECEIVED

Bulk Material on Board Cement: Barite:

Total Hours

Rig Downtime

10.0

Fuel Usage

Gals Gals 26. Well Control 27. WOC 28. Other

> \$249,656 \$26,916 \$276,572

Total

44

178

1 1 1	ioervi	ces		ay			12.0.0						
	Bloc	k, Lease and Well N	lo.	Contract Rig	DOL	<u>DFS</u>	Date on Lo	ocation	Completion Date	Report Date			
E	. Crested	Junction - Federal M	ISC #26-1	Leed #692	17	17	3/22/20	005	Mar 22, 2005	Apr 8, 2005			
MD	TVD	Footage	AFE Amount	Auth, TD.		<u> </u>	Company Representative						
7,960	7,960	PBTD	! !	\$155,202		8,224'			Jim Lander				
		Present Operati	on	Rig Phone:	2	254-241-5317			Toolpusher				
		Prep to swab		Rig Fax:					Nat Guerrero				

7,960 7,960 PBTD					<u>: 190.</u>		\$155,202		Auti. ID.	8,224		Company	Jim Lander				
.,,,,,	.,		t Operation	on			Rig Phon		254-241-5317 <u>Toolpush</u>								
		Prep	to swab				Rig Fax:						Nat Guerrer	0			
Current \	Veather	BLM \			NPDES			on Loc.:		Last BOP Test Date				RIG ELE\	e Second		
Wind:		✓ Yes	√ No	<u>LC50</u>	Sample	<u>Date</u>		erator				RKB		15	ft		
Seas:		Problem?	Yes					tractor		Next BOP	Test Date		Water Dept	n		ft	
Sky:			√ No	Pass?	Yes	∐ No	Sei	rvice					RKB-CHF			ft	
	RECORD					-		E .	A	5 "					107		
C	asing Str	ing	OD	Ŵŧ.	Grade	Conn.	Jts.	Run	1 7	Depth TVD	Liner MD	TVD	MW when Run	Pres	LOT EMW	Leakof	
			401					4	MD 37'	37'	MD	140	Air	F105	LIVIVV	Leakor	
onducto	<u>- </u>		16" 9 5/8"	27.2	LP H40	STC		1 12	534'	534'	-		Air	 			
urface	te/Produ	etion	9 5/8	32.3 26	L80	LTC		56	6,839'	6,839'			8.8	·			
	ite/Produ		7"	23	P110	LTC		14	7,455'	7,455'			8.8			_	
roduction		CHOIT	5"	18	P110	FJ		19	8224'	8224'	7,381'	7,381	8.7				
oduction	ii Liiiei		١Ů		1	'	l	<u> </u>			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,		† — — — — — — — — — — — — — — — — — — —	-		
IT, WEI	GHT, SPE	ED AND H	YDRAUL	ICS RE	ORD												
BIT		Bit Type						ļ	Total				Avg		Grade		
No Size		Manufa	cturer	Serial	Number	J	ets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage	
								ļ		<u> </u>	 		<u> </u>	 	ļ		
		<u> </u>				<u>i</u>	T A 6	107 Um		184	80	Wt	PO.	T Wt	To	que	
Bit Rer	marks:						Cum. F	ROT. Hrs	70	Wt	30	VVL	, RO	; VV(10	que	
-			r			1	L						 	Slow	Pump Pres	sures	
ump No.	Ctrok	e X Liner	X Liner Output		и GPM	Pre	essure	JV	Pb	م ا	١V	Speed	SPM	Pump #1	Pump #2	Pump #	
140.	SHOK	SHOKE A CITIES		SPM	0			*	'	DC	DP	1/4	Q1 W	†			
			gps									1/2	 		†		
1 2			 	 	 			 			 	3/4	· · · · · · · · · · · · · · · · · · ·	1	-		
HA					 			<u> </u>	L		<u> </u>		<u> </u>				
IUD DA	TA																
	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	рН	Pm	Pf/Mf	
ĬT.					<u> </u>	ļ		ļ	ļ	ļ	ļ	ļ	_	ļ	<u> </u>	<u> </u>	
		<u> </u>	L		<u>1</u>	<u> </u>	<u> </u>	<u>i</u>	<u> </u>	l	<u> </u>	ļ			ł	L	
			T		Smpl	F.L.	T		T				T	T			
	Ch	lorides	Ca	3++	Temp	Temp		r Screens	Hours Mud Engine			er		Mud Company			
শ						ļ	#1 #2		Desand	Cent.				1			
	<u> </u>		<u> </u>			<u> </u>		ļ			1 2.3			 	una de divisió C	`t	
							#3	#4	Desilt	Mud Cl	Daily	/ Cost			umulative Cost \$2,591		
IDECT	ONAL SI	IDVEVS					L	<u> </u>	<u> </u>	<u> </u>	l		1	<u> </u>	\$2,001		
	1D	TV	'D	I AN	IGLE	Dir	ection	Coor	dinates	· ·	/S	DL	T	CLO	SURE		
					********	1			T T				Ť				
		 		T		1		1	T			T					
PERAT	IONS SU	MMARY		<u> </u>													
	ME	T	Time	Boats:			Supply B	Boat Name					Status:				
FROM	то	HOUR	Code	<u> </u>			Crew B	Boat Name	:				Status:				
0600	0700	1.0	28	Crew t	ravel to l	ocation							1	Time S	ummary		
0700	0900	2.0	28					essure 19	00 psi,				Ac	tivity	Daily	Cum	
			1						o 1000 ps	i,			1. Mob/D	eMob		7.5	
	 	+	 						0 psi, flo		less		2. Cemer			2	
	 	 	 						o pai, noi	TOU DOUR	1000		-		 	12.5	
	 	ļ	 	•			CL wate						3. Circula			14.5	
	<u> </u>		1						e, made 5					onal Work	 	 	
			ļ	recove	red a tot	al of 38	bbls of f	fluid, 5th r	un tagged	fluid leve	i @ 5000	' 	Drilling		1	 	
				pulled	from sea	at nipple	@ 6335	5'					6. Drive F	Pipe			
				6th rur	did not	tag fluid	d, pulled	from seat	nipple, re	covered 1	bbl of		7. Fishing	1		34	
	4		+	_			ns 3-6 ha	8. OH Logging 4.5									

TIME				Boats:	Supply Boat Name:	Status:			
FROM	то	HOUR	Code		Crew Boat Name:		Status:		
0600	0700	1.0	28	Crew travel to lo			Time Su		_
0700	0900	2.0	28		00 psi, Csg pressure 1900 psi,		Activity	Daily	Cum.
				bled csg pressu	re to 0 psi, tbg dropped to 1000 psi,		1. Mob/DeMob		7.5
				open tbg to rig to	ank, pressure dropped to 0 psi, flowed back les	<u>s</u>	2. Cement		2
				less than a 1/4 b	bbl of KCL water		3. Circulate		12.5
				R/U swab lubric	ator, fluid level @ surface, made 5 swab runs,		4. Directional Work		
				recovered a total	l of 38 bbls of fluid, 5th run tagged fluid level @	5000'	5. Drilling		
				pulled from seat	nipple @ 6335'		6. Drive Pipe		
				6th run did not t	ag fluid, pulled from seat nipple, recovered 1 bb	ol of	7. Fishing	<u> </u>	34
				fluid, samples fr	om runs 3-6 had a brown color, when the samp	les	8. OH Logging		4.5
				were left to settl	e, the clay/ shale (reddish color would settle to	the bottom	9. Lost Circ.		
					rs) a total of 39 bbls were recovered		10. Drill Cmt./LOT		
0900	0930	0.5	28	wait for fluid lev	el to rise		11. N.U./ N.D.		
0930	0945	0.3	28	7th run, tag fluic	+/- 50 ft above seat nipple, pull from seat nipp	le,	12. P.U./L.D. BHA		1
					han 1/8 bbl of fluid, sample same as above		13. P.U./L.D. Pipe		22.5
0945	1030	0.8	28	wait for fluid lev			14. R/U; R/D		7
1030	1045	0.3	28	8th run, tag fluic	+/- 50 ft above seat nipple, pull from seat nipp	le,	15. Rig Repair		22.5
			i	recovered less	than 1/8 bbl of fluid, sample same as above		16. Run Casing		11.5
1045	1130	0.8	28	wait for fluid lev	el to rise	17. Service Rig			
1130	1530	4.0	28	Runs 9-12, tag	fluid 75-100' above the seat nipple, pull from se	at nipple	18. Sidetrack Op.		
				recovered less t	than 1/8 bbl of fluid, sample same as above		19. Stuck Pipe		
			ļ	wait 45 minutes	s between runs for fluid level to rise		20. Survey		
1530	1530 1545 0.3 28 Run #13		Run #13, did ta	g fluid, pull from seat nipple,	21. Trips		8		
			<u> </u>	no fluid recover			22. Tst. BOPs		1
1545	1630	0.8	28	wait for fluid lev	el to rise		23. UR/HO		
1630	1645	0.3	28	Run #14, 75-10	0 'above seat nipple, pull from seat nipple		24. W.O.W.		
			1		than 1/8 bbl of fluid, sample same as above		25. Wash & Ream		
1645	1700	0.3	28	SWFN			26. Well Control		
1700	1730	0.5	28	Crew travel from	n location		27. WOC		
l		† 	1		tal of 40 bbls of fluid, No acid was recovered at	the surface	28. Other	11.5	55.5
	 	†	1		ck lower section of well		Total	11.5	189.5
Total	Hours	11.5	 	I to p g sat					
Rig Do	wntime		Fuel L	Isage	Bulk Material on Board	Previous		6,572	
Daily		Daily		Gals	Cement: sx	Daily Co		,185	
Cum.		Cum.	8	31 Gals	Barite: sx	Cum. Co	st \$28	2,757	

RECEIVED

	PPI Tech Servi	nology ices	,		D					atior n Re		t					
	Bloc	k. Lease a					Contract	Rig	DOL	DFS	Date on	Location	Complet			t Date	
MD 6,340	TVD 6,340	Junction - F Foota PBT	age		No.		Leed #6 AFE Amo \$155,20	unt	18 Auth. TD.	18 8,224'	3/22/		Mar 22 Representa Jim Lander		Apr 9	, 2005	
		Presen Prep to G	t Operati IH with to				Rig Phor	1 e :	2	54-241-53	17	Tooloush		<u> </u>			
Current '	Weather	BLM \	/isit		NPDES			on Loc.:		Last BOP		RIG ELEVATIONS					
Wind:		∐ Yes	☐ No	LC50	Sample	<u>Date</u>	Óp	erator					RKB		15 ft		
Seas: Sky:		Problem?	☐ Yes	Pass?	☐ Yes	No		tractor rvice		Next BOP	Test Date		Water Dept RKB-CHF	h		ft	
	RECORD Casing Stri				Jts	. Run	Setting	Depth	Liner	Тор	MW when		LOT				
Conducto	ır		16"		LP	-		1	MD 37'	TVD 37'	MD	TVD	Run Air	Pres	EMW	Leakoff?	
Surface	ite/Produc	tion	9 5/8" 7"	32.3 26	H40 L80	STC		12	534' 6,839'	534' 6,839'			Air 8.8				
nermedia	te/Produc		7"	23	P110	LTC	14		7,455	7,455'			8.8				
Productio	n Liner		5"	18	P110	FJ		19	8224'	8224'	7,381'	7,381	8.7				
BIT, WEI	GHT, SPE	ED AND H	YDRAUL	ICS REC	ORD		<u> </u>		<u> </u>	<u> </u>				L			
BIT No	Size	Bit Type Manufa		Serial I	Number		lets	Depth in	Total Footage	Hrs	WOB	Rpm	Avg ROP	Tooth	Grade Bearing	Gage	
Bit Re	marke:						Cum 6	ROT. Hrs	PI	Wt	so	10/4	ROT Wt		Tor	que	
	Helvo.						Outil. ((01.11/3			- 30	***	I.O.		Pump Pres		
Pump No.	Stroke	X Liner	Output gps	.		Pre	ssure	J۷	Pb	DC A	V DP	Speed 1/4	SPM		Pump #2		
2						•						1/2 3/4					
BHA Length:		Descrip	otion:														
Longu.		Dodan	J		<u> </u>												
MUD DA	ΓA							· 						-			
PIT	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	pН	Pm	Pf/Mf	
	Chle	orides		1++	Smpl	F.L. Temp	Shaker	Screens		urs M	lud Engine				ud Compa		
PIT	CIRC		0.0				#1	#2	Desand		uu Engine	-			uu Compa	'y	
			<u> </u>				#3	#4	Desilt	Mud Cl	Daily	Cost		Cu	mulative C	ost	
	ONAL SU							<u> </u>			<u> </u>		\$2,591				
М	D	TVI	D	AN	GLE	Dir	ection	Coord	linates	V	S	DL		CLOS	URE		
OPERAT	IONS SU	MARY								·							
TIN FROM		HOUR	Time Code	Boats:				oat Name: oat Name:					Status: Status:			-	
0600	0700	1.0	28		avel to lo								Status.	Time Su	mmary		
0700	0800	1.0	28					sure = 0 p	si tag fluid (ത 5000'			Acti 1. Mob/De		Daily	Cum. 7.5	
									_ -	ple was a	black		2. Cement			2	
0800	0830	0.5	3		o red sec			ls of KCL	water				 Circulate Direction 		0.5	13	
0830	1030	2.0	21	Unseat	packer a					s in derric	ς,		5. Drilling				
1030	1630	6.0	8	L/D 20 j M/I & R		lez-X E	L unit. R	IH w/ 7" C	IBP and	set @ 639	O'.		6. Drive Pi7. Fishing	pe		34	
				50' abo	ve the to	p perf,	Dumped	50' of cer	ment on to	op of the C			8. OH Log		6	10.5	
1630	1700	0.5	28	`	6 runs w unit, SW		np baler i	to place th	e cement)			9. Lost Circ 10. Drill Cr	_			
1700	1730	0.5	28		avel fron		on						11. N.U./ N	I.D.			
	7 1			<u>.</u> :				<u> </u>	·				12. P.U./L. 13. P.U./L.			22.5	
							plugged	back instr	ucted by				14. R/U; R	/D		. 7	
				Eric Jor	nes w/ Bl	LM							15. Rig Re 16. Run Ca			22.5 11.5	
				Receive	ed 4 drur	ns of K	CL1, (KC	L substitu	rte)				17. Service	Rig			
			-	Transfe	rred 16 j	ts of 2	7/8" tbg f	rom MSC	State 32-	1 to			18. Sidetra 19. Stuck F		-		
				Federal	#26-1								20. Survey				
										MSC #26 MSC Sta			21. Trips 22. Tst. BC)Ps	2	10 1	
				to Been	nan Drilli	ng							23. UR/HO	1			
					its of da or recon			so (Pipe F	xecovery :	Service) ir	<u>. </u>		24. W.O.W 25. Wash 8				
								ae dronna	_				26 Well C				

23 jts were damaged from pervious operations

Bulk Material on Board Cement: Barite:

Very Gusty winds today

Total Hours

Rig Downtime

RECEIVED

27. WOC 28. Other

Total

Previous Cost Daily Cost Cum. Cost 58.5

201

\$282,757 \$13,484 \$296,241

PPI Technology Services MSC Exploration Daily Completion Report Block, Lease and Well No. E. Crested Junction - Federal MSC #26-1 Completion Date Leed #692 AFE Amount 3/22/2005 Mar 22, 2005 TVD AFE No. Company Representative Footage MD 8,224' 254-241-5317 6,340 6,340 \$137,806 Jim Lander Toolpusher Nat Guerrero Rig Phone: Rig Fax: Present Operation SD for Sunday

Report Date

Current \	Weather	BLM \	/isit		NPDES People on Loc.: Last BOP Test Date								RIG ELEVATIONS						
Wind:		Yes	∐ No	LC50	Sample	<u>Date</u>		rator		11 + 505	Ŧ1 D-1		RKB		15 ft ft				
Seas:		Problem?	Yes	Pass?	Yes	No		ractor vice	 	Next BOP	ext BOP Test Date			Water Depth RKB-CHF					
Sky: CASING I	RECORD		NO	russ r	168	[] [40]	361	VICE					THE OTH			ft			
	asing Stri	ng	OD	Wt.	Grade	Conn.	Jts.	Run	Setting		Liner		MW when		LOT				
									MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?			
Conductor Surface	<u></u>		16" 9 5/8"	32.3	LP H40	STC		1 2	37' 534'	37' 534'			Air Air						
	te/Produc	tion	7"	26	L80	LTC		56	6,839	6,839'			8.8						
	te/Produc	tion	7"	23	P110	LTC		4	7,455	7,455'			8.8						
Production	n Liner		5"	18	P110	FJ	1	19	8224'	8224'	7,381'	7,381'	8.7						
BIT, WEI	GHT, SPE	ED AND H	YDRAUL	ICS REC	ORD									-					
BIT		Bit Type				١.		Dante In	Total Footage	Hrs	WOB	Rpm	Avg ROP	Tooth	Grade Bearing	Gage			
No	Size	Manufa	cturer	Senati	Number	J.	ets	Depth in	Fuotage	nis	WOB	Kpiii	1101	Toour	Bearing	Ougo			
Bit Rer	marks:						Cum. R	OT. Hrs	PU	Wt	so	Wt	ROT	Wt	Tor	que			
Pump			r		1							-		Slow	Pump Pres	sures			
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	J۷	Pb	Α'		Speed	SPM		Pump #2				
			gps							DC	DP	1/4							
1					ļ	·						1/2 3/4			<u></u>				
2 BHA	L		l	<u> </u>	٠	<u> </u>				L		3/4	l	L					
Length:		Descri	ption:																
MICO	YA														·-				
MUD DA	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	мвт	рΗ	Pm	Pf/Mf			
PIT	VV I .	V13	FV	I IF	GELS	VVL	THE PERSON NAMED IN COLUMN	ÇARL	OLDO /	200 /6	OIL 78	00 /0	111101	F					
																			
	Chi	orides	۲,	a++	Smpl	F.L. Temp	Shaker	Screens	н	ours M	lud Engine	er	1	l ,	tud Compa	nv			
PIT	Cili	Undes	- 0		1		#1	#2	Desand		Luc Engine			<u> </u>					
														<u>. </u>					
							#3	#4	Desilt	Mud CI		Cost		Ci	umulative C	ost			
DIRECTI	ONAL SU	DVEVS						<u> </u>		<u> </u>	\$2,	813	ļ	L	\$5,404				
	ID	TV	Ď	AN	IGLE	Dir	ection	Coord	dinates	V	'S	DL		CLOS	SURE				
				İ															
				L				<u> </u>	<u> </u>	<u> </u>	Ļ	L			· · · · · ·				
	IONS SU	MMARY	Time	Boats:			Supply B	oat Name:					Status:						
FROM	TO	HOUR	Code	Douts.				oat Name:				-	Status:						
0600	0700	1.0	28	Crew ti	Crew travel to location. BEGIN GROUP 2 COMPLETION.										ummary				
0700	0900	2.0	21	TIH w/	2 7/8" tb	g to 589	97'						Act		Daily	Cum.			
0900	1030	1.5	3		Mix 2 drums of KCL-1 in 500 bbls of fresh water								1. Mob/De			7.5			
			.					uivalent to		.			2. Cement		 	2			
1030	1330	3.0	28						down fluid	level			 Circulat Directio 		1.5	14.5			
1330	1430	1.0	15							Draw works chain broke, repaired									
1430	1600	1.5	28				Continue swabbing, swabbed a total of 160 bbls of KCL water								ļ	1			
1600	1700	1.0	21			stimate fluid level +/- 4300', R/D lubricator									-				
	1	1.0	1		OOH and rack in derrick 40 stands, SWFN											34			
1700	1730		1			k in den		/D lubrica	tor	KCL wate	er		5. Drilling 6. Drive Pi 7. Fishing 8. OH Log	ре		34 10.5			
	1	0.5	28	51 star	and ract nds in ho ravel fro	k in dem le	rick 40 st	/D lubrica	tor	KCL wate	er		6. Drive Pi	pe ging					
	1100	0.5	28	51 star	nds in ho	k in dem le	rick 40 st	/D lubrica	tor	KCL water	er		6. Drive Pi 7. Fishing 8. OH Log	pe ging c.					
		0.5	28	51 star	nds in ho	k in dem le	rick 40 st	/D lubrica	tor	KCL water	er		6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ N	pe ging c. mt./LOT N.D.					
		0.5	28	51 star	nds in ho	k in dem le	rick 40 st	/D lubrica	tor	KCL water	er		6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ N 12. P.U./L	ging c. mt./LOT v.D.		10.5			
		0.5	28	51 star	nds in ho	k in dem le	rick 40 st	/D lubrica	tor	KCL water	er		6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ N 12. P.U./L 13. P.U./L	ging c. mt./LOT N.D. D. BHA D. Pipe		10.5			
		0.5	28	51 star	nds in ho	k in dem le	rick 40 st	/D lubrica	tor	KCL water	er		6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ N 12. P.U./L 13. P.U./L	pe ging c. mt./LOT N.D. D. BHA D. Pipe		10.5 1 22.5 7			
		0.5	28	51 star	nds in ho	k in dem le	rick 40 st	/D lubrica	tor	KCL water	er		6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re	ging c. mt./LOT V.D. D. BHA D. Pipe	1	10.5 1 22.5 7 23.5			
		0.5	28	51 star	nds in ho	k in dem le	rick 40 st	/D lubrica	tor	KCL wate	er		6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./N 12. P.U./L 13. P.U./L 14. R/U, R 15. Rig Re 16. Run C	ging c. mt./LOT N.D. D. BHA D. Pipe t/D epair asing	1	10.5 1 22.5 7			
		0.5	28	51 star	nds in ho	k in dem le	rick 40 st	/D lubrica	tor	KCL water	er		6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C	ging c. mt./LOT l.D. D. BHA D. Pipe l/D epair asing e Rig	1	10.5 1 22.5 7 23.5			
		0.5	28	51 star	nds in ho	k in dem le	rick 40 st	/D lubrica	tor	KCL wate	er		6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Servic 18. Sidetra	ging c. mt./LOT l.D. D. BHA D. Pipe l/D epair asing e Rig ack Op.	1	10.5 1 22.5 7 23.5			
		0.5	28	51 star Crew t	nds in ho	k in dem	on	/D lubrica ands, SW	tor /FN				6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Servic 18. Sidetra 19. Stuck	ging c. mt./LOT l.D. D. BHA D. Pipe l/D epair asing e Rig ack Op. Pipe	1	10.5 1 22.5 7 23.5			
		0.5	28	51 star Crew t	nds in ho	k in dem	on	/D lubrica ands, SW	tor				6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Servic 18. Sidetra 19. Stuck 20. Survey	ging c. mt./LOT l.D. D. BHA D. Pipe l/D epair asing e Rig ack Op. Pipe	1	10.5 1 22.5 7 23.5 11.5			
		0.5	28	51 star Crew to	nds in ho	k in dern le m locati	on of fresh v	/D lubrica ands, SW	tor /FN				6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Servic 18. Sidetra 19. Stuck	ging c. mt./LOT l.D. D. BHA D. Pipe l/D epair asing e Rig ack Op. Pipe		10.5 1 22.5 7 23.5			
		0.5	28	51 star Crew to	nds in ho ravel from	k in dern le m locati	on of fresh v	/D lubrica ands, SW	tor /FN				6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Servic 18. Sidetra 19. Stuck 20. Survey 21. Trips	ging c. mt./LOT N.D. D. BHA D. Pipe I/D epair asing e Rig ack Op. Pipe		10.5 1 22.5 7 23.5 11.5			
		0.5	28	51 star Crew to	nds in ho ravel from	k in dern le m locati	on of fresh v	/D lubrica ands, SW	tor /FN				6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Servic 18. Sidetra 19. Stuck 20. Survey 21. Trips 22. Tst. Bu	ging c. mt./LOT N.D. D. BHA D. Pipe I/D epair asing e Rig ack Op. Pipe		10.5 1 22.5 7 23.5 11.5			
		0.5	28	51 star Crew to	nds in ho ravel from	k in dern le m locati	on of fresh v	/D lubrica ands, SW	tor /FN				6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Servic 18. Sidetra 19. Stuck 20. Surve 21. Trips 22. Tst. B6	ging c. mt./LOT N.D. D. BHA D. Pipe //D epair asing e Rig ack Op. Pipe //		10.5 1 22.5 7 23.5 11.5			
		0.5	28	51 star Crew to	nds in ho ravel from	k in dern le m locati	on of fresh v	/D lubrica ands, SW	tor /FN				6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Servic 18. Sidetra 19. Stuck 20. Survey 21. Trips 22. Tst. Bo 23. UR/HC 24. W.O.V 25. Wash 26. Well C	ging c. mt./LOT l.D. D. BHA D. Pipe l/D epair asing e Rig ack Op. Pipe // OPs		10.5 1 22.5 7 23.5 11.5			
		0.5	28	51 star Crew to	nds in ho ravel from	k in dern le m locati	on of fresh v	/D lubrica ands, SW	tor /FN				6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Servic 18. Sidetra 19. Stuck 20. Survey 21. Trips 22. Tst. Bo 23. UR/HC 24. W.O.V 25. Wash 26. Well C 27. WOC	ging c. mt./LOT l.D. D. BHA D. Pipe l/D epair asing e Rig ack Op. Pipe // OPs	3	10.5 1 22.5 7 23.5 11.5			
		0.5	28	51 star Crew to	nds in ho ravel from	k in dern le m locati	on of fresh v	/D lubrica ands, SW	tor /FN				6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Servic 18. Sidetra 19. Stuck 20. Surve; 21. Trips 22. Tst. Bi 23. UR/HC 24. W.O.V 25. Wash 26. Well C 27. WOC 28. Other	ging c. mt./LOT l.D. D. BHA D. Pipe l/D epair asing e Rig ack Op. Pipe // OPs	3	10.5 1 22.5 7 23.5 11.5			
Tabel			28	51 star Crew to	nds in ho ravel from	k in dern le m locati	on of fresh v	/D lubrica ands, SW	tor /FN				6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Servic 18. Sidetra 19. Stuck 20. Survey 21. Trips 22. Tst. Bo 23. UR/HC 24. W.O.V 25. Wash 26. Well C 27. WOC	ging c. mt./LOT l.D. D. BHA D. Pipe l/D epair asing e Rig ack Op. Pipe // OPs	3	10.5 1 22.5 7 23.5 11.5			
	Hours	0.5		51 star Crew t	nds in ho ravel from	k in derrile m locati	on of fresh v	/D lubrica ands, SW	tor /FN			Previous	6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B0 23. UR/HC 24. W.O.V 25. Wash 26. Well C 27. WOC 28. Other Total	ging c. mt./LOT N.D. D. BHA D. Pipe //D epair asing e Rig ack Op. Pipe // OPs OV. & Ream ontrol	3 6 11.5	10.5 1 22.5 7 23.5 11.5 13 1			
			Fuel t	51 star Crew t	nds in ho ravel from	k in derrile m locati	on of fresh v onday	/D lubrica ands, SW	tor /FN			Previous Daily Co	6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Servic 18. Sidetra 19. Stuck 20. Surve 21. Trips 22. Tst. 80 23. UR/HC 24. W.O.V 25. Wash 26. Well C 27. WOC 28. Other Total	pe ging c. mt./LOT N.D. D. BHA D. Pipe l/D epair asing e Rig ack Op. Pipe // DPs D. W. & Ream ontrol	3	10.5 1 22.5 7 23.5 11.5 13 1			

RECEIVED

		nology ices			D					atior n Re		t							
Е		k, Lease a Junction - F			1		Contract Leed #6		<u>DOL</u> 20	<u>DFS</u> 20		Location 2005	Completi		Report Date Apr 11, 2005				
MD 6,340	<u>TVD</u> 6,340	Foots		AFE	No.		AFE Amo	unt	Auth, TD.	1			y Representative						
6,340	0,340		t Operati	on on		l	\$137,80 Rig Phon		2	8,224' 54-241-53	17	Toolpush	Jim Lander ner						
L		POOH	with tubir	ng.		· · · · · ·	Rig Fax:						Nat Guerrer)					
	Weather	BLM '			NPDES			on Loc.:		Last BOP	Test Date			RIG ELEV					
Wind: Seas:		✓ Yes Problem?	✓ No	LC50) Sample	Date		erator tractor		Next BOP	Test Date		RKB Water Depti		15	ft			
Sky:	252222		✓ No	Pass?	Yes	□No	Se	rvice					RKB-CHF			ft			
CASING	Casing String OD Wt. Grade		Conn.	Jts.	. Run	Setting	Depth	Line	т Тор	MW when		LOT	-						
Conducto			16"		LP			1	MD 37'	TVD 37'	MD	TVD	Run Air	Pres	EMW	Leakoff?			
Surface			9 5/8"	32.3	H40	STC		12	534'	534'			Air						
	ate/Produc		7"	26 23	L80 P110	LTC		56 14	6,839' 7,455'	6,839' 7,455'		ļ	8.8 8.8		-	ļ			
Productio	n Liner		5"	18	P110	FJ		19	8224'	8224'	7,381'	7,381	8.7						
BIT, WEI	GHT, SPE	ED AND H		ICS REC	CORD	I		· ·	Total	1	1		Avg		Grade				
No	Size	Manufa		Serial	Number	J	lets	Depth In	•	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage			
Bit Re	marks:						Cum. F	ROT. Hrs	PU	Wt	SO	Wt	ROT	TWt Torg		rque			
Pump					Ι .		<u> </u>	 						Slow	Pump Pres	ssures			
No.	Stroke	X Liner	Output	SPM	GPM	Pressure		1\	Pb	DC	V DP	Speed 1/4	SPM	Pump #1	Pump #2	Pump #3			
1			gps				CIU MANN A CI	ATTACHER OF THE REST		1 20		1/2							
2 BHA				L	L							3/4							
Length:		Descri	otion:																
MUD DA			T =				r	f 2							1 _				
PIT	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	МВТ	pН	Pm	Pf/Mf			
			1		Smpl	F.L.	T		Ι				I						
PIT	Chle	orides	Ca	1++	Temp	Temp	Shaker #1	Screens #2	Ho Desand		lud Engine	er		M	lud Compa	ny			
							#1	#2											
							#3	#4	Desilt	_Mud Cl	Daily	Cost		Cı	umulative C \$5,404	ost			
	ONAL SU						<u>'</u>												
	ID	T∨	D	AN	GLE	Direction Co			dinates	\ 	/S	DL	CLOSURE						
OPEDAT	IONS SUI	MADV	<u> </u>											ai t					
TI	ME	HIMAKT	Time	Boats:				oat Name:					Status:						
FROM 0600	TO 0600	HOUR	Code	SD (**	Cunday		Crew B	oat Name:					Status:	Time C.					
	0000			30 101	Sunday			•					Acti	Time Su vity	Daily	Cum.			
													1. Mob/De	Mob		7.5			
ļ. <u></u>			ļ		····								2. Cement			2			
			ļ										 Circulate Direction 			14.5			
													5. Drilling						
ļ					······································								6. Drive Pi7. Fishing	ре		24			
-								······································					8. OH Log	ging	 	10.5			
													9. Lost Cir						
ļ	ļ	<u> </u>	ļ	<u> </u>				,					10. Drill Cr 11. N.U./ N						
		<u> </u>						_								1			
		•—————											12. P.U./L	D. BHA					
													12. P.U./L. 13. P.U./L.	D. Pipe		22.5			
		•											13. P.U./L. 14. R/U; R	D. Pipe /D		7			
													13. P.U./L. 14. R/U; R 15. Rig Re	D. Pipe /D pair		7 23.5			
													13. P.U./L. 14. R/U; R 15. Rig Re 16. Run C 17. Service	D. Pipe /D pair asing asing		7			
													13. P.U./L. 14. R/U; R 15. Rig Re 16. Run C	D. Pipe /D pair asing Rig ack Op.		7 23.5			

RECEIVED

Bulk Material on Board Cement: Barite:

Rig Downtime

Daily Cum. Daily Cum. Fuel Usage

21. Trips

22. Tst. BOPs

23. UR/HO 24. W.O.W. 25. Wash & Ream 26. Well Control

27. WOC 28. Other Total

Previous Cost Daily Cost Cum. Cost 13

1

64.5 212.5

\$305,313 \$2,010 \$307,323

MSC Exploration PPI Technology Services **Daily Completion Report** Contract Rig Leed #692 AFE Amount Block, Lease and Well No. tion - Federal MSC #26-1 3/22/2005 Mar 22, 2005 MD TVD AFE No. Footage Company Representative 6,340 | 6,340 8,224' 254-241-5317 \$137,806 Jim Lander Present Operation Toolpusher Prep to do KCL ballout breakdown Rig Fax: Nat Guerrero

Report Date

	Weather	BLM '		, ,	NPDES	Det		on Loc.:		Last BOP	Test Date			RIG ELE\		
Wind: Seas:		✓ Yes Problem?	✓ No Yes	LC50) Sample	Date .		rator	 	Next BOP	Test Date)	RKB Water Dept	h	15	ft
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	ate/Produc	ction	7"	26	L80	LTC		56	6,839'	6,839'			8.8			-
	te/Produc	tion	7"	23	P110	LTC		14	7,455'	7,455'			8.8			
Productio	n Liner		5"	18	P110	FJ	<u> </u>	19	8224'	8224'	7,381'	7,381	8.7			
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PPI Technology **MSC Exploration Daily Completion Report** Services Block, Lease and Well No. Date on Location 3/22/2005 Report Date Completion Date Mar 22, 2005 Leed #692 Apr 13, 2005 E. Crested Junction - Federal MSC #26-1 MD TVD 6,340 6,340 AFE Amount \$137,806 Footage PBTD AFE No. Auth. TD. Company Representative 8,224' 254-241-5317 Jim Lander Rig Phone: Toolpusher Present Operation Rig Fax: Nat Guerrero Prep to swab well Last BOP Test Date RIG ELEVATIONS BLM Visit NPDES People on Loc. Yes No LC50 Sample Date Problem? Yes No Pass? Yes No No Wind: Operator Next BOP Test Date Contractor RKB-CHF ft

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+	Lia:	400		1									Total		10	245.5
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Cum.	<u> </u>	Cum.	8	331	Gals	Barite				SX		Cum. Co	ost	\$35	6,813	

	PPI Techi Servi	nology ices	,		D			Expomple				<u>t</u>				
-	Bloc	k, Lease ar Junction - F					Contract I		<u>DOL</u> 24	<u>DFS</u> 24		Location 2005	<u>Completi</u> Mar 22		Repor	t Date 2005
MD 5,629	TVD 5,629	Foots	age		No.		AFE Amo \$123,84	unt	Auth. TD.	8,224'	3/22/		Representa Jim Lander		Apr 13	, 2005
			t Operation				Rig Phon Rig Fax:	ie:	2	54-241-53	17	Toolpush	<u>er</u> Nat Guerrero)		11-11
Ó.,	M4				NDDEC			on Loo		Last BOD	Test Date			RIG ELEV	/ATIONS	
Wind:	Weather	BLM \	Visit No	LC50	NPDES Sample	Date		on Loc.:	and the state of	Last BOP	1681 Date	<u> </u>	RKB	KIG ELEV		ft
Seas:		Problem?	Yes					tractor		Next BOP	Test Date		Water Depth	1		ft
Sky: CASING	RECORD		∐ No	Pass?	Yes	∐ No	Se	rvice					RKB-CHF			ft
	asing Stri	ng	OD	Wt.	Grade	Conn.		Run	MD	Depth TVD	Line MD	r Top TVD	MW when	Pres	LOT EMW	Leakoff?
Conducto Surface	or		16" 9 5/8"	32.3	LP H40	STC		<u>1</u> 12	37' 534'	37' 534'			Air Air			
	ate/Produc		7"	26	L80	LTC		56	6,839'	6,839'			8.8 8.8			
Production	ste/Produc	tion	7" 5"	23 18	P110 P110	FJ FJ		14 19	7,455' 8224'	7,455' 8224'	7,381'	7,381'	8.7			
BIT, WEI	GHT, SPE	ED AND H	YDRAUL	ICS REC	ORD				L		<u> </u>	<u> </u>	L		·	<u> </u>
BIT No	Size	Bit Typ Manufa		Serial	Number		Jets	Depth In	Total Footage	Hrs	WOB	Rpm	Avg ROP	Tooth	Grade Bearing	Gage
140	JIZ6	Mariaia		Certai	TOTTIDOT .		7013	Coparin	L							
Rit Re	marks:						Cum. F	RÖT. Hrs	PL	Wt	sc) Wt	ROT	Wt	Tor	que
					,							·····		01	D D	
Pump No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	JV	Pb	,	٧V	Speed	SPM		Pump Pres Pump #2	
,,,,,	J. J. J. J. J. J. J. J. J. J. J. J. J. J	, , , , , , , , , , , , , , , , , , , ,	gps					<u> </u>		DC	DP	1/4				
2					-	-						1/2 3/4				
ВНА						·			· · · · · · · · · · · · · · · · · · ·							
Length:		Descri	ption:													
MUD DA		1					1,571,15	0445	Lou no N	1.00%	01.0	T 60 %	мвт	T -u	Pm	Pf/Mf
PIT	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	WIDT	pH	FIII	1 1/10/11
							Ì					I	<u> </u>	L		<u> </u>
	· ·		T		Smpl	F.L.	T							1		
PIT	Chi	orides	Ca	3++	Temp	Temp	Shaker #1	Screens #2	Desand	الكاليات المراجع	Aud Engin	eer		N	Aud Compa	ny
F11			 		 			#2								
			-				#3	#4	Desilt	Mud CI	Dail	y Cost		l Cu	umulative C \$6,810	Cost
	ONAL SU						<u> </u>	· · · · · ·							N.DE	
	ИD	ΤV	D.	AN	GLE	Dir	rection	Coor	dinates	`	∕s I	DL		CLOS	SURE	
											1					
	rions su ME	MMARY	Time	Boats:			Supply E	Boat Name					Status:			
FROM	TO	HOUR	Code				Crew E	Boat Name					Status:			
0600 0700	0700 0900	1.0 2.0	28 21				. Begin of	GROUP #	3.				A _C	Time Si ivity	ummary Daily	Cum.
0900	1200	3.0	8					CCI/ Gam	ma Ray, r	un loggin	g strip to		1. Mob/De		1	7.5
				correla	te depth	s to set	7" RPB,	POOH w	/ EL tools				2. Cement	_		2
	ļ							iace 7" R					3. Circulat			14.5
<u> </u>	 	-	 					setting to			ina /" CSQ	i ro	 Direction Drilling 	nai WORK	ļ	-
1200	1630	4.5	28				wab 154		p. 5031				6. Drive P	ipe		
4000	4000				ab lubric								7. Fishing		-	34
1630	1800	1.5	21		w/ setting					<u> </u>			8. OH Log 9. Lost Cir	· · · · · ·	3	15.5
1800	1830	0.5	28		ravel fro								10. Drill C		 	
				<u> </u>									11. N.U./ I			2
	ļ	<u> </u>	<u> </u>	ļ									12. P.U./L		 	22.5
	-	 	 	<u> </u>						 			13. P.U./L 14. R/U; F		1	7
	 			İ									15. Rig Re			23.5
													16. Run C		<u> </u>	11.5
	 	 	 	 									17. Service 18. Sidetra		 	<u> </u>
	†	.8.1 42	, inne	 									19. Stuck		<u> </u>	
L				<u>† </u>									20. Surve			
		<u> </u>	_										21. Trips	00-	3.5	24
	-	<u> </u>	+	 		V	·		-				22. Tst. B 23. UR/H		 	1
<u> </u>	 	1		-									EU. URIPIC		+	+

Bulk Material on Board Cement: Barite:

Total Hours

Rig Downtime

Daily Cum.

12.5

Daily Cum.

Fuel Usage

92 258

6 12.5

\$356,813 \$9,740 \$366,553

24. W.O.W. 25. Wash & Ream

26. Well Control 27. WOC 28. Other

Total

Previous Cost
Daily Cost
Cum. Cost

MSC Exploration PPI Technology Services Block, Lease and Well No. **Daily Completion Report** Contract Rig Date on Location Completion Date E. Crested Junction - Federal MSC #26-1 3/22/2005 TVD Footage AFE No. AFE Amount Auth. TD. Company Representative 5,629 5,629 8,224 PBTD \$123,841 Jim Lander 254-241-5317 Rig Phone: Present Operation Toolpusher Nat Guerrero Rig Fax: SD for Weekend BLM Visit NPDES Last BOP Test Date RIG ELEVATIONS Current Weather People on Loc.: Yes No LCS Problem? Yes No Pass? LC50 Sample Date Operator Next BOP Test Date Water Depth Seas: Contractor Sky:

Report Date

Apr 16, 2005

	RECORD															
С	asing Stri	ng	OD	Wt.	Grade	Conn.	Jts.	Run	Setting	Depth	Liner	Тор	MW when		LOT	
									MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?
Conductor	r .		16"		LP			1	37'	37'			Air			
Surface			9 5/8"	32.3	H40	STC		2	534'	534'			Air			
Inermedia	te/Produc	tion	7*	26	L80	LTC		56	6,839'	6,839'			8.8	Ī		L
Inermedia	te/Produc	tion	7"	23	P110	LTC	1	4	7,455	7,455'			8.8			
Production	n Liner		5"	18	P110	FJ	1	9	8224'	8224'	7,381'	7,381	8.7	ļ		
	· · · · · · · · · · · · · · · · · · ·		.											 		
		FO 4110 11	VDDAIII	100 05		L	<u> </u>		<u></u>	L				l		
	SHT, SPE	ED AND H		ICS RE	CORD								A=	·	Canada	· . —
BIT		Bit Typ				i .			Total			_	Avg		Grade	C
No	Size	Manufa	cturer	Serial	Number		lets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
				L							ļ					
				<u> </u>				OT 11:	- 61	184		14.9	RO1		To	dne
Bit Ren	narks:						Cum. R	OT. Hrs	PU	Wt	30	Wt	KO.	VVI	101	que
						·			 	1	<u> </u>			Slow	Pump Pres	CUPOC
Pump No.	Ctraka	X Liner	Output	SPM	GPM	Pre	essure	Jv	Pb	Ι Δ	٧	Speed	SPM		Pump #2	
IVO.	Suoke	A LINE		51	0, 1,,,	''`	.500.0	"	' -	DC	DP	1/4			<u> </u>	
1			gps									1/2			 	
$-\frac{1}{2}$				-					ļ	 		3/4			· · · · · · · · · · · · · · · · · · ·	
BHA			1	L		i		L	<u> </u>	<u> </u>		3/7			<u> </u>	
			- 41 :													
Length:		Descri	ption:				·							 		
		,														
MUD DAT	FA .				,	,	,		,			r				,
	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	pН	Pm	Pf/Mf
PIT																
											L					
			1		Smpl	F.L.	[I				T			
	Chlo	orides	Ca	a++	Temp	Temp	Shaker	Screens			lud Engine	er		N	Aud Compa	ny
PIT			Ī				#1	#2	Desand	Cent.						
											1			i		
							#3	#4	Desilt	Mud CI	Daily	Cost		C	umulative C	ost
											\$1,	406			\$8,216	
DIRECTION	DNAL SU															
М	D	TV	D	AN	IGLE	Dir	ection	Coord	dinates	\	/\$	DL	Ĺ	CLO	SURE	
										<u> </u>						
OPERAT	IONS SUI	MMARY														
TIN	۷E		Time	Boats:			Supply B	oat Name:					Status:			
FROM	TO	HOUR	Code	1 .			Crew B	oat Name:				-	Status:			
0600	0700	1.0	28	Crew to	ravel to l	ocation				-				Time S	ummary	
0700	1100	4.0	8					DIH w/ ea	nd hailer	& tag top	of RRP @	· · · · · · · · · · · · · · · · · · ·	1 40	ivity	Daily	Cum.
0700	1100	4.0	ļ					•							Duny	
		ļ	ļ	· ·						, P/U 1st _I	perforatin	g	1. Mob/De			7.5
			<u> </u>	gun &	TIH,tag f	luid lev	el @ 426	0', tag top	of sand (<u>@ 5618',</u>			2. Cemen			2
			1	P/U & j	perforate	interva	als 5612-	5616', &	5602-560	6', 3 shts/	ft w/ 120	deg	Circulat	е		14.5
				phasin	g, attemi	pt to pe	rforate in	terval 556	30' - 5570'	, perforati	ng gun		4. Direction	nal Work		i
			i							perforate			5. Drilling			ľ
			1							2nd perf			6. Drive P	ine		
															+	24
			 							4' - 5560'			7. Fishing			34
			<u> </u>	3 sht/ft	<u>, 120 de</u>	g phasi	ng, POOI	H, R/D EI	unit				8. OH Log		4	19.5
1100	1300	2.0	21	P/U 7"	Arrow s	et pack	er & seat	nipple, TI	IH on 87 s	stands of 2	2 7/8" tbg		9. Lost Cir	C.		L
			T	install t	tbg hand	er and	land pack	er w/ 28	kips of we	ight @ 54	68'		10. Drill C	mt./LOT		L
	l		1					to 500 p					11. N.U./		1	3
1300	1400	1.0	11							noi for	10 minuto	e ck	12. P.U./L		† 	1
		.	 							00 psi for	.o minute	, UK.			 	
1400	1430	0.5	28						vel @ 380				13. P.U./L		-	22.5
				made 2	2 runs, 2	nd run	tagged se	at nipple	@ 5462',	recovere	d		14. R/U; F			7
		L	<u> </u>	12 bbls	of fluid								15. Rig Re	epair		23.5
1430	1530	1.0	28	Wait fo	r fluid le	vel to ri	se						16. Run C	asing		11.5
1530	1600	0.5	28					ove seat	nipole re	covered 1	1 bbls		17. Servic			1
		 ::-	1	SWFN			, 00 ai			22.0.00			18. Sidetr		1	
1600	1630					I	lon						19. Stuck		 	
1000	1030	0.5	28	crew to	ravel fro	ii iocati	UII	-		·.					 	
		ļ	 	 							21.91		20. Surve	<u>y</u>	 	
			1	<u> </u>						·			21. Trips		2	26
			1	1									22. Tst. B	OPs	<u> </u>	1
			[1									23. UR/H	<u> </u>		
	——	 	1	1									24. W.O.V		T	
	 	 	 	 			· · · · · · · · · · · · · · · · · · ·								+	
	ļ		ļ	1									25. Wash		 	₩
		<u> </u>	<u> </u>	<u></u>									26. Well C	Control		1
					-					<u> </u>			27. WOC		<u></u>	<u> </u>
			1	1						************			28. Other		3.5	95.5
	l	 	1	 									Total		10.5	268.5
	L	10 F	1	1									i iotai		1 10.5	200.0
T-1-1	H01:55	10.5	F	loo		Tòii. # 4	latarial	Bossel				Previous	Cost	620	6,553	
Total		1		Jsage			laterial on	DURLO								
Rig Do	Hours wntime	Deibi	T	, , , , , , , , , , , , , , , , , , ,	Gala	C	nt.			PV		IDeile, C-	et	C 4 1	R 720	
		Daily Cum.		331	Gals Gals	Cemer Barite:				SX SX		Daily Co Cum. Co			3,729 5,282	

	PPI Tech Servi	nology ices	•		D	l aily	MSC / Cc	Ex	plora etio	atior n Re	n epor	ŧ				
		k. Lease ar	nd Well N	o.	•		Contract F		DOL	DFS	Date on		Completi	on Date	Repor	t Date
		Junction - F					Leed #69		26	26	3/22/		Mar 22	·	Apr 17	, 2005
MD	IVD	Foota		AFE	No.		AFE Amo		Auth, TD.	0.004		Company	Representa	tive		
5,629	5,629	PBT	t Operation	nn .			\$123,84 Rig Phon			8,224' 54-241-53	17	Toolpush	Jim Lander			
			Weeken				Rig Fax:		-	04-241-00	''		Nat Guerrero	•		
	Weather	BLM \		1050	NPDES	Data		on Loc.:		Last BOP	Test Date		I IRKB	RIG ELEV		ft
Wind: Seas:		Yes Problem?	☐ No	LUSU) Sample	Date	<u> </u>	erator tractor		Next BOP	Test Date		Water Depti			ft
Sky:		T TODIOTTI	_	Pass?	Yes	□No		rvice				*****	RKB-CHF			ft
	RECORD												Y			
	Casing Stri	ing	OD	Wt.	Grade	Conn.	Jts.	Run	Setting MD	Depth TVD	MD	Top TVD	MW when Run	Pres	LOT EMW	Leakoff?
Conducto)r		16"		LP			1	37'	37'			Air	1,100		
Surface			9 5/8"	32.3	H40	STC		12	534'	534'			Air			
	te/Produc		7"	26 23	L80 P110	LTC		56 14	6,839' 7,455'	6,839' 7,455'	<u> </u>		8.8 8.8			
Productio		Juon	5"	18	P110	FJ		19	8224'	8224'	7,381'	7,381'	8.7		· · · · · · · · · · · · · · · · · · ·	
DIT WEL	CUT ODE	ED AND H	VDBAIII	ICS DE	COPO		<u></u>				<u> </u>	Щ		l		
BIT, WEI	GHI, SPE	Bit Type		ICO KE	COKD	Γ		T	Total	Ι	T	[Avg		Grade	
No	Size	Manufa		Serial	Number	J	lets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
								ļ			ļ	ļ	}			
Bit Re	marks:	<u> </u>				l	Cum. F	ROT. Hrs	PL	Wt	SO	Wt	ROT	Wt	Tor	que
-11.170																
Pump	C4	V 1 1= = :	Outout	SPM	GPM	P	ssure	JV	Pb		٩V	Speed	SPM		Pump Pres Pump #2	
No.	Stroke	X Liner	Output gps	J SPM	GPM	Pre	oou! t	1 34	"	DC	DP	1/4	J JCIVI	unip#!	, . unip #2	
1			3,50			Ĺ						1/2				
2	L <u></u>									<u></u>		3/4		L	<u> </u>	L
BHA		D	nties:				<u> </u>									
Length:		Descri	puon:													
MUD DA	TA										- -			,	,	,
	WT.	VIS	PV	ΥP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	рН	Pm	Pf/Mf
PIT			-			ļ		<u> </u>		 	 			1		
	1		<u> </u>	L	<u> </u>	i	L	<u> </u>	<u> </u>	<u> </u>	L	L	<u> </u>	L	I,	L
ļ	<u> </u>		Ţ		Smpl	F.L.	T	_						1		
	Chl	orides	Ca)++ 	Temp	Temp		Screens			Aud Engine	er	<u> </u>	, N	lud Compa	ny
PIT					 -		#1	#2	Desand	Cent.	4					
	<u> </u>				<u></u>		#3	#4	Desilt	Mud Ci	Daily	Cost		Cı	umulative C	ost
DIRECTI	ONAL SU	DVEVE							L	<u> </u>			<u></u>	<u></u>	\$8,216	
	ID	TV	D D	AN	GLE	Dir	ection	Coor	dinates	1 \	vs	DL	1	CLOS	SURE	
OPERAT	IONS SU	MMADY	· · · · · · - ·	<u> </u>		<u> </u>		1	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>			
	ME		Time	Boats:			Supply B	oat Name	:				Status:			
FROM	TO	HOUR	Code					loat Name					Status:			
0600	0600		ļ	SD for	Weeken	d. WO	frac pun	np truck.					4		ummary	•
	}	ļ	<u> </u>										The second second second	ivity	Daily	Cum.
	 		<u> </u>	-								-	1. Mob/De 2. Cement		 	7.5
		1	1										3. Circulat		 	14.5
		1	-	1	· · · · · · · · · · · ·								4. Directio			1,4.5
	 			l					******				5. Drilling			<u> </u>
													6. Drive P	ipe		
		<u> </u>					-						7. Fishing			34
			<u> </u>	ļ									8. OH Log		<u> </u>	19.5
	ļ		↓										9. Lost Cir		 	
<u> </u>		 	 	 		·							10. Drill C		-	3
	 	1	 	 									11. N.U./ I 12. P.U./L		 	1
	<u> </u>	 	1-	 									13. P.U./L			22.5
	<u> </u>	· · · · · ·	1	f									14. R/U; R		1	7
	† · · · · ·	1	†	1								-	15. Rig Re			23.5
		L											16. Run C			11.5
													17. Servic	e Rig		
													18. Sidetra		ļ	
				<u> </u>									19. Stuck		ļ	
<u> </u>	ļ	 	}	 									20. Surve	у	 	
	-	ļ	1	1									21. Trips	OBo	-	26
	 	 	1-	1									22. Tst. Bo 23. UR/HO		 	
 	 	†	1	l		2.2					-		24. W.O.V		 	†
	<u> </u>	ļ	t	†	•		<u>. </u>				-		25. Wash		†	†
	<u> </u>	1	1	1									26. Well C			
													27. WOC			
													28. Other			95.5
#27.7	Harrer	ļ	ļ	<u></u>									Total		<u> </u>	268.5
	Hours owntime	 	Fuel U	Isage		Bulk M	aterial on	Board				Previous	s Cost	\$38	5,282	
Daily		Daily			Gals	Cemer	nt:			sx		Daily Co	ost	\$2	,010	
Cum.		Cum.	8	31	Gals	Barite:				sx		Cum. Co	ost	\$38	7,292	

MSC Exploration PPI Technology **Daily Completion Report** Services Completion Date Report Date Block, Lease and Well No. E. Crested Junction - Federal MSC #26-1 Leed #692 27 3/22/2005 Mar 22, 2005 Apr 18, 2005 Company Representative TVD Footage AFE No. AFE Amount Auth, TD. 5,629 | 5,629 PBTD \$123.841 8,224 Jim Lander 254-241-5317 Present Operation Rig Phone: Toolpusher Nat Guerrero Rig Fax: Prep to perform KCL breadown Last BOP Test Date RIG ELEVATIONS Current Weather **BLM Visit** NPDES ✓ Yes ✓ No Problem? ☐ Yes RKB Wind: LC50 Sample Date Operator Next BOP Test Date Water Depth Contractor RKB-CHF / No Pass? CASING RECORD Liner Top AD TVD MW when Casing String EMW Leakoff? Pres MD MD TVD Run Air Conductor 16 LP 32.3 12 H40 9 5/8 Surface L80 LTC 156 6,839' 6,839 8.8 Inermediate/Production 26 7" Inermediate/Production 23 P110 LTC 14 7.455 7.455 8.8 7,381' 7,381 8.7 5" 19 8224' 8224' Production Liner 18 P110 FJ BIT, WEIGHT, SPEED AND HYDRAULICS RECORD Avg ROP Bit Type and Manufacturer Total Tooth Bearing Gage Size Serial Number Depth in WOB Rpm No Cum. ROT. Hrs **ROT W** Bit Remarks: Slow Pump Pressures Pump #1 | Pump #2 | Pump #3 ump No. Speed 1/4 SPM SPM GPM J۷ Pb ΑV Stroke X Liner Output gps 1/2 BHA Description: Length MUD DATA CAKE SLDS % LGS % OIL % Pf/Mf HTHP SD % рΗ GELS WT. VIS PV ΥP WL Smpl Temp F.L. Temp Shaker Screens Mud Company Mud Cl #3 Desilt \$8,216 DIRECTIONAL SURVEYS CLOSURE

OPERATIONS SUMMARY

	ME			Boats:	Supply Boat Name:				Status:		
FROM	TO	HOUR	Code		Crew Boat Name:				Status:		
0600	0600			SD for Weekend	d. WO frac pump truck.				Time Su		
									Activity	Daily	Cum.
									1. Mob/DeMob		7.5
									2. Cement		2
									3. Circulate		14.5
									4. Directional Work		
				· ·					5. Drilling		
			I				· · · · · · · · · · · · · · · · · · ·		6. Drive Pipe		
				1.6					7. Fishing		34
									8. OH Logging		19.5
									9. Lost Circ.		
									10. Drill Cmt./LOT		
									11. N.U./ N.D.		3
									12. P.U./L.D. BHA		1
				1					13. P.U./L.D. Pipe		22.5
									14. R/U; R/D		7
									15. Rig Repair		23.5
									16. Run Casing		11.5
									17. Service Rig		
			l						18. Sidetrack Op.		
						_			19. Stuck Pipe		
			I						20. Survey		
									21. Trips		26
									22. Tst. BOPs		1
									23. UR/HO		
									24. W.O.W.		
									25. Wash & Ream		
									26. Well Control		
									27. WOC		
									28. Other		95.5
									Total		268.5
	Hours										
	wntime		Fuel L	Isage	Bulk Material on Board			Previous		,292	
Daily Cum.		Daily Cum.	 	Gals 31 Gals	Cement: Barite:	SX SX		Daily Cos Cum. Cos		010 9,302	
uill.	L	oum.		Gais	Daille.	88		oun. cos	, \$30°	1,002	

RECEIVED

PPI Technology Services

MSC Exploration
Daily Completion Report

		k, Lease ar				9	Contract F		<u>DOL</u> 28	<u>DFS</u> 28	Date on L 3/22/2		Completic Mar 22,		Report Apr 19	
MD	TVD	Foota	ige		No.		AFE Amou	unt	Auth. TD.		<u> </u>		Representat		Apr 19	, 2003
5,629	5,629	PBT	D t Operation	on		·	\$123,841 Rig Phon		25	8,224' 54-241-531	17	Toolpush	Jim Lander er			
			abbing				Rig Fax:						Nat Guerrero			
Current \	Weather	BLM \	/isit	l	NPDES	···	People	on Loc.:		Last BOP	Test Date			RIG ELEV	ATIONS	
Wind:		✓ Yes	✓ No	<u>LC50</u>	Sample	<u>Date</u>		rator		N	T4 D-4-		RKB			ft
Seas:		Problem?	☐ Yes	Pass?	Yes	□No		ractor vice		Next BOP	rest Date		Water Depth RKB-CHF			ft ft
CASING			- 55				16.2	2	0	54-	l face	T	= V((V)		LOT	
	asing Stri	ng	OD	Wt.	Grade	Conn.	Jis.	Run	Setting MD	TVD	Liner MD	TVD	MW when Run	Pres	LOT EMW	Leakoff?
Conducto Surface	r		16" 9 5/8"	32.3	LP H40	STC		1	37' 534'	37' 534'			Air Air			
Inermedia	te/Produc		7"	26	L80	LTC	1:	56	6,839'	6,839'			8.8			
Inermedia Productio	ite/Produc n Liner	tion	7" 5"	23 18	P110 P110	LTC FJ		4 9	7,455' 8224'	7.455 8224	7,381'	7,381'	8.8 8.7			
	GHT, SPE	ED AND H		ICS REC	ORD											
BIT No	Size	Bit Type Manufa		Serial !	Number	J	ets	Depth In	Total Footage	Hrs	WOB	Rpm	Avg ROP	Tooth	Grade Bearing	Gage
Bit Re	marks:			<u> </u>			Cum. R	OT. Hrs	PU	Wt	so	Wt	ROT	Wt	Tor	que
Pump			r	1		·								Slow	Pump Pres	sures
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	J۷	Pb	DC A		Speed	SPM		Pump #2	
1		-	gps							DC	DP	1/4				
2												3/4				
BHA Length:		Descri	otion:													
MUD DA	TA															
OUT.	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	рН	Pm	Pf/Mf
PIT				<u> </u>	<u> </u>											
	T				Smpl	F.L.	Γ		Γ				1			
	Chlo	orides	Ca	a++	Temp	Temp		Screens			lud Engine	er		. N	lud Compai	ηy
PIT					 	<u> </u>	#1	#2	Desand	Cent.	4					
			A				#3	#4	Desilt	Mud Cl	Daily	Cost		Cı	mulative C \$8,216	ost
	ONAL SU						L									
N.	1D	ŤV	D	AN	GLE	Dir	ection	Coord	dinates	V	/S	DL		CLOS	UKE	
	IONS SUI ME	VIMAKT	Time	Boats:			Supply B	oat Name:					Status:			
FROM 0600	TO 0700	HOUR 1.0	Code 28	Crowt	ravel to le	ocation	Crew B	oat Name:					Status:	Time St	ımmarv	
0700	0800	1.0	28				lubricato	or, 1st run	, tag fluid	@ 2100',			Acti		Daily	Cum.
0800	1100	3.0	28	+					50', pull fr				1. Mob/De			7.5
								s, black co Larry tool	olored wat		sediment		CementCirculate			2 14.5
	<u> </u>			M/I & F	R/U Hallib				x sambles	1.				5	į.	
				Load th					ent, press	sure test li			4. Direction			
ļ	 						ater w/ 1	gal/ 1000	ent, press gals Lo-s	sure test li surf 300 (s	surfactant		4. Direction 5. Drilling	nal Work		
	1	l	 	.5 gals	/ FR-26L	C, pres	ater w/ 1 sure incr	gal/ 1000 eased to	ent, press 0 gals Lo-s 4500 psi a	sure test li surf 300 (s as tbg was	surfactant s filled, it	1), &	4. Direction	nal Work		34
ı				.5 gals. appear system	FR-26L red that to crashed	C, pres he pres l. Shut	rater w/ 1 sure incr sure was down to r	gal/ 1000 reased to s starting t restart sys	ent, press 0 gals Lo-s 4500 psi a to break b stem, bring	sure test li surf 300 (s as tbg was ack when g up rate	surfactant s filled, it the electi to 4 BPM	ronic	4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log	nal Work pe ging		34 19.5
				.5 gals appear system start dr	FR-26L red that to crashed ropping b	C, pres he pres i. Shut palls, pr	rater w/ 1 sure incr sure was down to r essure w	gal/ 1000 reased to s starting t restart sys ras very e	ent, press 0 gals Lo-s 4500 psi a to break b stem, bring rratic, shu	sure test li surf 300 (s as tbg was ack when g up rate it down, ch	surfactant s filled, it the electi to 4 BPM hange pur	ronic	4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir	pe ging c.		}
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bbls flow 19 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 10 psi a 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Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Cr 11. N.U./ N 12. P.U./L. 13. P.U./L. 14. R/U; R 15. Rig Re 16. Run C. 17. Service 18. Sidetra 19. Stuck I 20. Survey 21. Trips 22. Tst. BC 23. UR/HC 24. W.O.W 25. Wash 26. Well C 27. WOC 28. Other Total	ging c. mt./LOT l.D. D. BHA D. Pipe //D pair asing e Rig ack Op. Pipe // COPs // & Ream ontrol	11.5 9,302	19.5 3 1 22.5 7 23.5 11.5 26 1

RECEIVED

MSC Exploration PPI Technology Services **Daily Completion Report** Contract Rig <u>DOL</u> 29 Block, Lease and Well No. Completion Date Report Date Leed #692 3/22/2005 E. Crested Junction - Federal MSC #26-1 Mar 22, 2005 Apr 20, 2005 AFE No. Auth. TD. Company Representative AFE Amount MD TVD Footage 5,629 | 5,629 PBTD \$123,841 Jim Lander Present Operation 254-241-5317 Toolpusher Nat Guerrero Conduct Acid Treatment on Group 3 Perforations Rig Fax: Last BOP Test Date RIG ELEVATIONS Current Weather **BLM Visit** NPDES People on Loc.: LC50 Sample Date Wind: ✓ Yes ✓ No Problem? ☐ Yes Operator Next BOP Test Date Contractor Water Depth Seas: RKB-CHF ASING RECORD LOT EMW | Leakoff? Jts. Run Liner Top OD Setting Depth Casing String Wt. Grade Conn. TVD TVD

12

156

19

Conductor

nermediate/Production

Inermediate/Production

Production Liner

Surface

9 5/8" 7"

BIT, WEIGHT, SPEED AND HYDRAULICS RECORD

32.3

26

23

STC

LTC

LTC

H40

L80

P110

P110

37

534

6,839

8224'

5341

6,839

8224

Air

Air

8.8

8.8

8.7

7,381

7,381'

BIT No	Size	Bit Type Manufae		Serial N	vumber	j	ets	Depth In	Total Footage	Hrs	WOB	Rpm	Avg ROP	Tooth	Grade Bearing	Gage
Bit Rer	narks:						Cum. R	OT. Hrs	PU	Wt	\$O	Wt	RO1	l Wt	Tor	que
<u>Dit rivi</u>	HOINO,															
ımp No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	3	Pb	А	v	Speed	SPM		Pump Pres Pump #2	
	Carono	, C	gps							DC	DP	1/4				
2												1/2 3/4		1		
-IA								· · · · · · · · · · · · · · · · · · ·								
ength:		Descrip	otion:													
UD DA								L DAVE	St 55 %	1.00.4	OU 9/	SD %	мвт	рн	Pm	Pf/Mf
Ť	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	IVIDI	рп	7111	1 77476
									Ĭ							
					Smpl	F.L.	Γ	*****	T					1		
	Chic	rides	Ca	++	Temp	Temp		Screens			lud Engine	er		1	Aud Compa	ny
Т							#1	#2	Desand	Cent.	i					
			L		L		#3	#4	Desilt	Mud CI	Daily	Cost		С	umulative C	ost
IRECT	ONAL SU	RVFYS					1				<u> </u>		<u> </u>	1	\$8,216	-
	ID	TV	D	AN	GLE	Dir	ection	Coor	dinates	\	/S	DL		CLO	SURE	
						<u> </u>		 	 		-					
PERAT	ions sui	MMARY		·												
TI FROM	ME TO	HOUR	Time Code	Boats:				oat Name: oat Name				-	Status: Status:			
0600	0700	1.0	28	Crew to	ravel to l	ocation	Olew D	Out Hullio		-			T	Time S	ummary	
0700	0830	1.5	28	20 psi	on tbg, 4	00 psi	on csg, o	pen tbg to	o flare pit,	air only, r	no gas		Ac	tivity	Daily	Cum
									uid @ 130				1. Mob/De		ļ	7.5
			ļ				d by gray owing it t		d sedime	nt was in	the bottor	n	CemenCircula		 	14.5
	-		 -						350', pull f	rom seat	nipple @			onal Work	1	11.0
									ample abo				5. Drilling			
0000	2000		<u> </u>		cation of		jas						6. Drive F		-	24
0830 0930	0930	1.0 0.3	28 28		r fluid to		no' nulle	d from se	eat nipple,	recovere	d 3 bbls		7. Fishing 8. OH Log			34 19.5
	5010	0.5	20						ter allowin			ettle,	9. Lost Ci			
				wt of w	ater was	9 ppg.							10. Drill C			
0945	1045	1.0	28		r fluid to						10111		11. N.U./			3
1045	1100	0.3	28	_	<u> </u>		<u> </u>		eat nipple, sediment			•	12. P.U./l 13. P.U./l		+	22.5
1100	1200	1.0	28		or fluid to		iring io	gruy, icu	oodin north	., bottom	or ourriple		14. R/U; I			7
1200	1215	0.3	28				100', pulle	d from se	at nipple,	recovere	d 3 bbls		15. Rig R			23.5
4045	4000		ļ	-			rming to	gray, red	sediment	in bottom	of sample)	16. Run 0			11.5
1215	1300	0.8	28 28		or fluid to		OO' pulle	ed from ea	eat nipple,	recovere	d 2 hhle		17. Servid 18. Sideti		 	+
	.5.5	0.3	20						sediment			•	19. Stuck			
1315	1400	0.8	28	Wait fo	or fluid to	rise							20. Surve	у		
1400	1415	0.3	28						eat nipple.				21. Trips	OBo	 	26 1
1415	1500	0.8	28		colored v		irning to	gray, sam	ple same	, water we	egned 9.2	ppg	22. Tst. E 23. UR/H		+	1
1500	1515	0.8	28				200', pulle	d from se	eat nipple,	recovere	d 1 bbls		24. W.O.			
									sediment			•		& Ream		
1515	1530	0.3	28			 	ty meeti	ng					26. Well (├
1530	1600	0.5	28		ravel fro			2 day tot	al 111 bb	ls. no sior	ns		27. WOC 28. Other		10	117
	 		 						tarts to en				Total		10	290
	Hours	10.0										In. :	0		10.004	
Rig Do	owntime	Daily	Fuel (Jsage	Gals	Bulk M Ceme	faterial on nt:	Board		sx		Previous Daily Co			16,034 5,655	
		Cum.	 	331	Gals	Barite		-		sx		Cum. Co			21,689	

一 少i	PPI Techn	ology			ח	N aih	MSC	Exp	olora	tion	n port	•				
	Service	Lease and	l Well No		- 1		Contract R		DOL	DFS	Date on L		Completio	n Date	Report	Date
E. (inction - Fe					Leed #69	2	30	30	3/22/2	005	Mar 22,	2005	Apr 21	2005
MD	TVD	Footag	_ ,	AFE	No.	£	\$123,841	- 1	Auth. TD.	8,224'	19	Company	Representat Jim Lander	<u>ive</u>		
5,629	5,629		Operation	<u>n</u>			Rig Phone		25	4-241-531	17	Toolpush	er			
		Swabl	oing well				Rig Fax:						Nat Guerrero			
Current W	eather	BLM V	isit		NPDES		People			Last BOP	Test Date		DV0	RIG ELEV		ft
Wind: Seas:		✓ Yes Problem?	✓ No Yes	LC50	Sample (Date		rator ractor		Next BOP	Test Date		RKB Water Depth			ft
Sky:		TODISTIT		Pass?	☐ Yes	No		vice					RKB-CHF			ft
ASING R	ECORD sing Strin		OD I	Wt.	Grade	Conn.	Jts.	Run	Setting	Depth	Liner	Тор	MW when	-	LOT	
C.	ising Suin	a		····]					MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?
onductor urface			16" 9 5/8*	32.3	LP H40	STC		1	37' 534'	37' 534'			Air Air			
nermediat	e/Product		7"	26	L80	LTC		56	6,839	6,839' 7,455'			8.8 8.8			
roduction	e/Producti Liner	ion	7" 5"	23 18	P110 P110	LTC FJ		9	7,455' 8224'	8224'	7,381'	7,381'	8.7			
IT, WEIG	HT, SPE	D AND H		CS REC	ORD								Avg		Grade	
BIT No	Size	Bit Type Manufac		Serial 1	lumber	J	lets	Depth In	Total Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
											Ţ					
Bit Ren	narks:						Cum. F	ROT. Hrs	PU	Wt	so	Wt	ROT	Wt	Tor	que
			γ			Γ					<u> </u>		 		Pump Pres	
Pump No.	Stroke	X Liner	Output	SPM	GPM	Pre	essure	JV	Pb	DC A	AV DP	Speed 1/4	SPM	Pump #1	Pump #2	Pump #3
	······		gps				···			DC_	l Dr	1/2	 			
2												3/4	<u> </u>	l	<u> </u>	<u> </u>
SHA Length:		Descrip	otion:					-								
Longan.																
TAG DUN	Ά															
	WT.	VIS	PV	ΥP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	МВТ	рН	Pm	Pf/Mf
PIT				-			ļ		 			 	 		<u> </u>	
			<u> </u>													
	Chic	orides	Ca	1++	Smpl Temp	F.L. Temp	Shake	r Screens	Н	ours !	Mud Engine	эөг			Mud Compa	iny
PIT							#1	#2	Desand	Cent.						
			<u> </u>	· · ·	L	<u></u>	#3	#4	Desilt	Mud Cl	Daily	/ Cost		C	umulative (\$8,216	Cost
DIRECTION	DNAL SU	RVEYS						<u> </u>	<u> </u>	<u></u>	<u> </u>					
М	D	TV	D	AN	GLE	Di	rection_	Cool	dinates		vs I	DL		CLO	SURE	
									<u> </u>							
	IONS SUI ME	MMARY	Time	Boats:			Supply 8	3oat Name);				Status:			
FROM	TO	HOUR	Code					Boat Name):				Status:	Time S	Summary	
0600 0700	0700 0730	1.0 0.5	28 28		on tbg.			en tbg to	flare pit,	air only, n	o gas		Act	tivity	Daily	Cum.
			1	Make I	Run 20,	Tag flu	id @ 290	0', recove	ered 8 bbls	, fliud ha	d black co	lor,	1. Mob/De	Mob		7.5
			ļ						6 bbls, flui				2. Cemen 3. Circula		- -	14.5
			 						ole jars, at ssure test		119 100 psi, ok		4. Direction			14.0
0730	1200	4.5	28	M/I & I	₹/U Hall	iburton	Acid Tre	atment ec	uipment,	Test lines	to 7000 p		5. Drilling			
									s of 15%		dditives, ping 31 bb		6. Drive P 7. Fishing		+	34
			1	of acid	, tbg wa	s full, p	ressure i	ncreased	to 4940 p	si and bro	oke back		8. OH Log			19.5
			.	to 455	0 psi, ke	pt rate	@ 3.3 bp	m, pump	ed a total	of 1900 g	als of acid		9. Lost Ci		ļ	
	 	<u> </u>	┼						approx h shut dow		splace gon 30 psi,	ie,	10. Drill C		+	3
									psi, 15 mi				12. P.U./L	.D. BHA		1
			1	Monito	or well fo	r 30 mi	n for pos	t treatme	nt data				13. P.U./L		 	22.5 7
1200	1300	1.0	28						efore flov		ure bled to)	14. R/U; I 15. Rig R		 	23.5
1200	1000	1.0	1 20								clean KCL		16. Run (11.5
1300	1400	1.0	28	R/U to	swab to	rig tar	ık, Run 1	, fluid leve	el @ surfa	ce, recov	ered 8 bb	ls,	17. Servi			-
	 	 	- 						200', rec. : CL water o		an KCL w tv	ater	18. Sideti 19. Stuck		+	+
		<u> </u>		4 th ru	ın, tag @	3600'	, rec 6 bb	ols, trace	of acid in I	CL wate	r, run #5,		20. Surve			
4400	4500						pulled fr	on Seat n	ipple, rec	5 bbls sp	pent acid		21. Trips	OP ₂	-	26 1
1400 1500	1500 1515	0.3	28	-	or fluid to	-	recover	ed 8 bhis	spent aci				22. Tst. E 23. UR/H		+	'-
1515	1600	0.8	28	wait fo	or fluid to	rise							24. W.O.	W.		1
1600	1615	0.3	28				recovere	ed 4 bbls,	spent aci	d				& Ream		-
1615 1700	1700	0.8	28		or fluid to 8. tag @		recover	ed 1 hhls	spent aci	d			26. Well (27. WOC			+
1715	1730	0.3	28						reatment f				28. Other		12	129
1730 Tota	1800	0.5 12.0	28	Crew	travel fr	om loca	ition						Total		12	302
	l Hours owntime	12.0	Fuel	Usage			Material o	n Board					us Cost		121,689	
Daily Cum.		Daily Cum.	4	831	Gals Gals	Ceme				sx sx		Daily C			26,753 148,442	
Surii.		Louil.		~ ~ !	-a10											

	PPI Fachi	iology								ation						
	<u>Servi</u>	ces			D					n Re				5	D	. D
FC		k, Lease and unction - Fe		_		!	Contract F	1	<u>DOL</u> 31	DFS 31	Date on L 3/22/2		Completic Mar 22,		Report Apr 22	
MD	TVD	Footag		AFE		-	AFE Amou	ınt	Auth. TD.		<u> </u>	Company	Representat	ive		
5,629	5,629	PBT	Operatio	n			\$123,841 Rig Phon		25	8,224' 54-241-531	7	oolpushe	Jim Lander			
			abbing				Rig Fax:					1	Nat Guerrero			
Current W	eather I	BLM V	risit I		NPDES		People	on Loc.:		Last BOP	Test Date	-		RIG ELEV	ATIONS	
Wind:	CLUTO	✓ Yes	✓ No		Sample	Date		rator					RKB			ft
Seas:		Problem?	☐ Yes	Pass?	Yes	No		ractor vice		Next BOP	Test Date		Water Depth RKB-CHF	1		ft
Sky: ASING R	ECORD		<u> </u>	rass:			·									
Са	sing Stri	ng	OD	Wt.	Grade	Conn.	Jts.	Run	Setting MD	Depth TVD	Liner	Top TVD	MW when Run	Pres	LOT EMW_	Leakoff?
Conductor			16"		LP			1	37'	37'			Air			
urface nermediate	e/Produc	tion	9 5/8" 7"	32.3 26	H40 L80	STC		12 56	534' 6,839'	534' 6,839'			Air 8.8			
nermediate	e/Produc		7"	23	P110	LTC	1	14	7,455	7,455'	7.0041	7 2041	8.8 8.7			
roduction	Liner		5"	18	P110	FJ		19	8224'	8224'	7,381'	7,381'	8.7			
IT WEIG	UT SPE	ED AND H	YDRAUI	ICS REC	ORD		l									
BIT	ni, or E	Bit Type	and						Total				Avg	T16	Grade	Cago
No	Size	Manufac	cturer	Serial I	Number	<u> </u>	Jets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
									61	142		i A IA	BOT	10/4	Tor	au e
Bit Rem	arks:				•	•	Cum. F	ROT. Hrs	L PU	Wt	\$0	vVI	ROT			que
Pump	C4- 1	V.1.'	Outerin	SPM	GPM		essure	JV	Pb	A	v	Speed	SPM		Pump Pres Pump #2	
No.	Stroke	Stroke X Liner Output SPM GP					- 03UI 0			DC	DP	1/4	-,			
1												1/2 3/4		<u> </u>		
2 J		Description:						<u></u>	<u></u>			3/4		1		
Length:	Description:															- $-$
TAG DUN		VIS	PV	YP	GELS	WL	нтне	CAKE	SLDS %	LGS %	OIL%	SD %	мвт	рН	Pm	Pf/Mf
PIT	WT.	VIS			GLES	, VV.		OAKE	JOEDU 70	200 //						
			<u> </u>	Ĺ	<u> </u>	<u> </u>	<u> </u>	J		<u> </u>			<u></u>	L	<u> </u>	L
	-				Smpl	F.L.	Chalca		T				I		lud Compa	
PIT	Chi	orides	Ca)++	Temp	Temp	#1	Screens #2	Desand		lud Engine	er		IV	iuu Compa	ny
							#3	#4	Desilt	Mud CI	Daily	Cost	γ	Cı	mulative C	ost
							#3_	#"	Desilt	Widd Ci	July				\$8,216	
DIRECTIO		RVEYS	D	I AN	IGLE	T Di	rection	Coor	dinates	1 V	/S	DL		CLOS	SURE	
									<u> </u>							
OPERATI	ONS SU	MMARY		<u> </u>		<u> </u>			<u> </u>	<u> </u>	<u>.</u>		<u> </u>			
TIM FROM	IE TO	HOUR	Time Code	Boats:				Boat Name Boat Name					Status: Status:			
0600	0700	1.0	28		ravel to		1							Time S	ummary	
0700	0745	0.8	28						flare pit, r					ivity	Daily	Cum.
		-	 							run #9), ta spent acid			1. Mob/De 2. Cemen			7.5
				Run#	10, Swite	h to ta	nk, tag flu	ıid @ 360	0', recove	red 6 bbls	, 1st part		3. Circulat			14.5
			ļ							atter part v			4. Direction	nal Work	 	<u> </u>
			-							et nipple, r was clean			5. Drilling 6. Drive P	ipe		
							of 20 bbl						7. Fishing			34
0745 0830	0830 0845	0.8	28		or fluid to		flore = !4	traces of	nge to- fi	uid @490	n Peral	hle	8. OH Log 9. Lost Ci		 	19.5
0845	0930	0.3	28		or fluid to		naie pit,	acds 01	yas, tay II	שוני שייי	U, 1100 Z L		10. Drill C			
0930	0945	0.3	28	Run#	13, tag f	luid @	4800', red	2 bbls, f	uid brown	colored			11. N.U./			3
0945 1030	1030 1045	0.8	28	-	or fluid to		1850' 500	2 hble fi	uid brown	colored			12. P.U./L 13. P.U./L		 	22.5
1045	1045 0.3 28 Run #14 tag fluid 1130 0.8 28 Wait for fluid to r						, 1 0 0	<u>د ۱۱۱۵, ۱۱۱</u>	LIG DIOWII	JOIOLEG			14. R/U; F			7
1130	1145 0.3 28 Run #15, tag flui						4850', red	c 1 bbls, f	luid browr	colored			15. Rig R	epair		23.5
1145 1230	0.0 10 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1						flare rit	eliaht t	noe of c	tan fluid	@4800 0	ec 2 hhi	16. Run C			11.5
1245	5 1330 0.8 28 Wait for fluid to						nare pit,	angrit (fat	es ui yas	, ray IIUIO (w+000, R	.GC & DDI	18. Sidetr			
1330							5100', re	c 1 bbl, flu	id getting	darker bro	own		19. Stuck			
1345 1430	0.0 20 1.00.10.						5200'	1 hhl #	iid daek b	nwn			20. Surve 21. Trips	y	-	26
1445							J290 180	. , DDI, IIL	uaik Di	J			22. Tst. B	OPs		1
1530	1545	0.3	28				250', rec	2 bbl, flu	d dark bro	own, PH 3	-4		23. UR/H			1
1545 1630	1630 1645	0.8	28	-	or fluid t		n nit to	fluid @ 5	250' 55 *	ace of ac	s ron 1 hh		24. W.O.\ 25. Wash			-
1645	1700	0.3	28 28	SWFN		o to nai	e pii, tag	ாப்பட்டு 5	200 , NO T	ace of gas	9, 1 0 0 1 00	<u>"</u>	26. Well (
1700	1730	0.5	28	Crew	Travel fr								27. WOC		11.5	445.5
ļ	 		 						oday = 34 d 91.5 bbl				28. Other Total	·	11.5	140.5 313.5
Total	Hours	11.5	1	I day	iolai Oi I				a 31.3 DDI							1 3.3.5
Rig Do Daily	wntime	Daily	Fuel	Jsage	Gals	Bulk Ceme	Material or ent:	n Board		sx		Previou Daily Co			18,442 5,184	
Cum.	 	Cum.	1 7	831	Gals	Barite				sx		Cum. C			4,626	

MSC Exploration Daily Completion Report PPI Technology Services

111	DCI A	LCS							
	Bloc	k, Lease and Well N	0.	Contract Rio	DOL	DFS	Date on Location	Completion Date	Report Date
E	. Crested	Junction - Federal M	SC #26-1	Leed #692	32	32	3/22/2005	Mar 22, 2005	Apr 23, 2005
MD	TVD	Footage	AFE No.	AFE Amount	Auth. TD.		Company	Representative	
5.629	5,629	PBTD		\$123,841		8,224'		Jim Lander	
		Present Operation	on .	Rig Phone:	2	54-241-53	17 <u>Toolpush</u>	<u>er</u>	
		Continue POOH w/ 7	7" RBP	Rig Fax:				Nat Guerrero	

	(Continue PC	OH w/ 7	" RBP			Rig Fax:					×	Nat Guerrero)		
Turrent V	Neather T	BLM V	/isit		NPDES		People	on Loc.:		Last BOP	Test Date			RIG ELEV	ATIONS	
Vind:	veation .	Yes	No	LC50	Sample	Date		rator			***		RKB		15	ft
eas:		Problem?	Yes				Cont	ractor		Next BOP	Test Date		Water Depth	1		ft
Sky:			☐ No	Pass?	Yes	□No	Ser	vice					RKB-CHF			ft
SING F	RECORD															
C	asing Stri	ng	OD	Wt.	Grade	Conn.	Jts.	Run	1	Depth	Liner		MW when	D	LOT	Leakoff
			100					4	MD 37'	TVD 37'	MD	TVD	Run	Pres	EMW	Leakon
nductor			16" 9 5/8"	32.3	LP H40	STC		1 2	534'	534'	<u> </u>		Air			
rface	te/Produc	tion	7"	26	L80	LTC		56	6,839'	6,839'			8.8			
	te/Produc		7"	23	P110	LTC		14	7,455	7,455'			8.8			
oduction			5"	18	P110	FJ	1	19	8224'	8224'	7,381'	7,381	8.7			
									<u> </u>					<u> </u>	-	-
- 1A(#16	011T 00F	ED AND H	VEDALIA	ICC DE	2000		<u> </u>		<u> </u>				1	L	l	
BIT I	GRI, SPE	Bit Type		ICS KE	JUND			1	Total		T	i	Avg		Grade	
No	Size	Manufa		Serial	Number	J	lets	Depth In	i .	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
								<u> </u>		1		1	801	C 1A/4	Ťo:	que
Bit Rer	marks:						Cum. F	ROT, Hrs	PL PL	Wt	l SO	Wt	RO1	VVI	101	que
							L		 	1	L	T	 	Slow	Pump Pres	sures
ump No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	JV	Pb		V .	Speed	SPM		Pump #2	
			gps	L	<u> </u>				l	DC	DP	1/4				
1												1/2		ļ		
2								<u> </u>	l	L	L	3/4	1	L	L	L.—
HA.													·			
ength:		Descri	otion:				-									
UD DA1	TA															
OD DA		VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	мвт	pН	Pm	Pf/M
_	WT.	VIS	L FV		GELS	AAF	1 1111111	UARC	OLDO 70	100 /0	0.2 70	02 /				
Т	-		 		 	 	 		.	 		 		·	 	
	L	L		J	<u> </u>	٠	1	<u> </u>		· · · · · · · · · · · · · · · · · · ·				<u> </u>		
	Ι		Γ		Smpl	F.L.			1			*****	T			
	Chl	orides	C	a++	Temp	Temp	Shaker	Screens			Aud Engine	eer 196	<u> </u>	1	Aud Compa	ny
I						ļ	#1	#2	Desand	Cent.	4					
			i	·	J	1	40	 44	Dooilt	Mud Cl	Dails	y Cost			umulative C	ost
							#3	#4	Desilt	Mud CI	Dan	y Cost	 		\$8,216	
IRECTI	ONAL SU	RVEYS					L	<u></u>		<u> </u>			<u> </u>			
	MD.	T∨	'D	AN.	IGLE	Di	rection	Coor	dinates		√S	DL		CLO	SURE	
						<u> </u>					ļ	<u> </u>	<u> </u>			
	IONS SU	MMARY		1									Status:			
	ME	HOUR	Code	Boats:				Boat Name Boat Name				-	Status:			
6000	0700			G	and to l	ion		out Mairie					Olding.	Time S	ummary	
0700	0800	1.0	28		ravel to			n tha to f	lare pit, no	hlow			Δ.	tivity	Daily	Cun
0700	0000	1.0	28								an fluid (1. Mob/De		1 30/	7.5
	 	ļ	ļ						flare pit (<u>y</u>	-		 	2
	 	 	1-						e of gas a	nead of fl	ulu		2. Cemen		1 5	16
		<u> </u>	1—					esterday					3. Circular		1.5	1 10
	 	<u> </u>	 						ner water					onal Work	 	┼──
	ļ	 							0', recove				5. Drilling		 	+
	↓	 	 		from sea	at nipple	e, fluid wa	as intially	brown the	n turned	to cleaner	ī	6. Drive P			-
2255	0000	 	1	fluid,									7. Fishing		+	34
0800	0900	1.0	28		or fluid to								8. OH Log		+	19.
0900	0915	0.3	28				4900', red	covered 1	bbl, red o	olored flu	id		9. Lost Ci		 	
0915	1000	0.8	28		or fluid to								10. Drill C		 	1-
1000	1015	0.3	28	_			5250', red	covered 1	1/2 bbls,	red color,	very foar	ny	11. N.U./		1 1	4
1015	1100	0.8	28		or fluid to								12. P.U./L		1	1
1100	1115	0.3	28	Run #	25, tag fl	luid @	5200', red	covered 1	/2 bbl, bro	wn colore	d, foamy		13. P.U./L	.D. Pipe		22.
1115	1145	0.5	28		or fluid to								14. R/U; I	R/D		7
1145	1200	0.3	28				e pit, tag	fluid @ 5	250', reco	vered 1/2	bbl est.		15. Rig R	epair		23.
	1	† 	† <u> </u>				as, small						16. Run (11.
	1		1						day total 1	08 bbls			17. Servi			
1200	1300	1.0	11						tree, N/U				18. Sideti		1	1
1300	1500	2.0	21	lineet	Weatho	rford 7"	Arrow e	et Packer	& POOH	and I /D s	ame		19. Stuck		1	†
1500	1630								nd TIH to			,	20. Surve		 	1
1630	1800	1.5	21										21. Trips		4.5	30.
1030	1000	1.5	3				ite on top	OT KBP,	circulate o	ut pieces	OI 010-D8	ms,			4.5	1
4000	1000	 	1		tion and			DOC!!	14 .4-	OWEN			22. Tst. B		+	
1800	1900	1.0	21					, POOH 2	4 stands,	SWFN			23. UR/H		+	+
1900	1930	0.5	28		travel fro	m loca	tion						24. W.O.			+
		1		Tomo										& Ream		
										5800' thi			26 Well (1

Plan to set a balanced cement plug from 5200' to 5800', this cement plug

will cover the perforations of groups 2 & 3, We will tag the plug Monday

Bulk Material on Board

Gals Cement: Gals Barite:

morning. This procedure will satisfy the BLM requirements per Eric Jones.

Daily

RECEIVED

26. Well Control 27. WOC

28. Other

Total

Previous Cost
Daily Cost
Cum. Cost

147

327

6.5

13.5

\$454,626 \$7,156 \$461,782

	PPI Techn	ology			. <u>.</u>	l aily	MS© v Co	Ex)	olore etio	atior n Re	n port	<u> </u>				
	Service Block	C CS Lease an	d Well No).			Contract F		DOL	DFS	Date on		Completic		Report	
E. 1		unction - Fe		SC #26-1			Leed #69		33	33	3/22/2		Mar 22,		Apr 24	2005
MD	TVD 5268'	Footag	_	AFE	No.		AFE Amou \$123.841	_	Auth. TD.	8,224	ľ	Company	Representat Jim Lander	ive		
5268'	5208		Operatio	n			Rig Phone		25	4-241-531	17	Toolpush				
		SD for	Sunday.				Rig Fax:				1		Nat Guerrero			
Current W	Veather	BLM V	isit		NPDES		People	on Loc.:		Last BOP	Test Date			RIG ELEV		
Wind:		Yes	No	LC50	Sample	Date		rator		New BOD	Tool Date		RKB Water Depth			ft ft
Seas:		Problem?	☐ Yes	Pass?	☐ Yes	No		ractor vice		Next BOF	Test Date	· · · · · · · · · · · · · · · · · · ·	RKB-CHF			ft
Sky: ASING R	RECORD		<u> </u>	r ass:												
Ca	asing Strir	ng	OD	Wt.	Grade	Conn.	Jts.	Run	Setting MD	Depth TVD	Liner MD	Top TVD	MW when	Pres	LOT EMW	Leakoff?
Conductor			16"		LP			1	37'	37'			Air			
Surface			9 5/8"	32.3	H40	STC	1	2	534'	534'			Air 8.8			
	te/Product		7" 7"	26 23	L80 P110	LTC		56 4	6,839' 7,455'	6,839 7,455	1		8.8			
roduction		3011	5"	18	P110	FJ		9	8224'	8224'	7,381'	7,3811	8.7			
					<u> </u>	 										
SIT, WEIG	HT, SPE	ED AND H		ICS REC	ORD		·				1		Avg		Grade	
BIT No	Size	Bit Type Manufac		Serial	Number		Jets	Depth In	Total Footage	Hrs	wos	Rpm	ROP	Tooth	Bearing	Gage
140	Ç120															
Dit Dee						<u> </u>	Cum F	ROT, Hrs	PU	Wt	so	Wt	ROT	Wt	Tor	que
Bit Ren	naiks.						- Jun 11. 1							61	Pump Pres	SUFES
ump	Chales	X Liner	Output	SPM	GPM	Pro	essure	Jv	Pb	,	ΑV	Speed	SPM		Pump #2	
No.	SHOKE	A LINE	gps	O						DC	DP	1/4				
1											<u> </u>	1/2 3/4	<u> </u>			
2 BHA					<u></u>	<u></u>		l	L	<u></u>	·		<u> </u>		<u> </u>	
Length:		Descrip	otion:													
		_							· · · · · · · · · · · · · · · · · · ·							
MUD DAT	Α							,						r	T -	
	WT.	VIS	PV	ΥP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL%	SD %	МВТ	pH_	Pm	Pf/Mf
PIT				ļ	 	+-	 		 	· · · ·			ļ			
	L								· · · · · · ·					T		
	Chlo	orides	Ca	3++	Smpl	F.L. Temp	Shake	Screens	Н	ours !	Mud Engine	er		Ι.	Aud Compa	ny
PIT							#1	#2	Desand	Cent.						
			<u> </u>			<u></u>	#3	#4	Desilt	Mud CI	Daily	/ Cost	T	C	umulative C	ost
															\$8,216	
DIRECTION	ONAL SU	RVEYS	D	I AN	NGLE	Di	rection	Coor	dinates	1	vs	DL	T	CLOS	SURE	
ODEDAT	IONS SUI	MARY		<u> </u>		1		<u> </u>	<u> </u>			<u> </u>	<u> </u>			
	ME		Time	Boats:				oat Name				_	Status:			
FROM	TO	HOUR	Code					Boat Name	:				Status:	Time S	ummary	
0600 0700	0700 0830	1.0 1.5	28 21		POOH a			able brid	ge plug				Act	ivity	Daily	Cum.
0830	0930	1.0	21	_			g to 5795		3- F3				1. Mob/De	Mob		7.5
0930	1000	0.5	3	Circula	ate well v	w/ rig pu	ump						2. Cemen		0.5	2.5
1000	1030	0.5	2	R/U B	g 4 cem	ent unit	t, hold sa	fety meet	ing, condu	ct cemen	nt job		3. Circulat		1 1	17
			ļ	Class	nes to 20	JOU psi,	, pump 1: പെ ത 15	S nng w/	1 15 ft3/ s	r, 20 DDIS sk vield n	of cemen	al	 Direction Drilling 	nai vvoik		
		-	 	of 100	sks of c	ement)	, displace	w/ 2.4 b	bls of fres	h water a	nd 26.5 bb	ols	6. Drive P	ipe		
				of KCI	L. Placed	d cemer	nt plug fro	om 5795'	to 5268' (e	est cemer	nt top)		7. Fishing		· ·	34
			<u> </u>					s 2 & 3 (5	5544' - 57	12') plus r	minimum o	ol	8. OH Log 9. Lost Cir			19.5
1030	1100	0.5	21		f cement		top perf						10. Drill C			
1100	1130	0.5	3				2 times tb	g volume	, no ceme	nt			11. N.U./			4
1130	1330	2.0	21		ue to Po								12. P.U./L	.D. BHA		1
1330	1430	1.0	28	+	rig tank,								13. P.U./L			22.5
1430	1500	0.5	28	Crew	travel fro	ım loca	tion						14. R/U; F 15. Rig R			23.5
			+	╁									16. Run C			11.5
	 	<u> </u>	1										17. Servic			
				I									18. Sidetr			
	<u> </u>	<u> </u>	ļ	↓			·						19. Stuck			
<u> </u>	ļ	 -	1	 					_				20. Surve 21. Trips	y	5	35.5
	<u> </u>	 	1	†									22. Tst. B	OPs		1
													23. UR/H			
		<u> </u>		<u> </u>									24. W.O.\		-	
		 	 	-									25. Wash 26. Well (+
	1	 	+	 									27. WOC	- O- (II O)	1_	<u> </u>
				1									28. Other		2.5	149.5
	Her		4										Total	-	9	336
	Hours owntime	9.0	Fuel	Jsage		Bulk	Material or	1 Board					ıs Cost		61,782	
Daily		Daily		B31	Gals Gals	Ceme Barite				SX SX		Daily C Cum. C			3,986 75,768	
Cum.	i	Cum.			Jai3	Saure										

ピ	PPI Techi Servi	nology ces			D	l aily	MSC / Co	Ex mpl	plora etio	ation n Re	n port	<u> </u>				
	Bloc	k, Lease ar		_			Contract F		DOL	DFS	Date on I		Completic			t Date
MD 5268'	TVD 5268'	Junction - F Foota PBT	ge	SC #26-1 AFE			Leed #69 AFE Amor \$123,84	unt	34 Auth, TD.	34 8,224'	3/22/		Mar 22, Representati Jim Lander		Apr 25	, 2005
0200	0200		Operation				Rig Phon Rig Fax:		2	54-241-531	17	Toolpush				
Current V	Neather	BLM \	/ieit		NPDES		People	on Loc.:	Γ	Last BOP	Test Date			RIG ELEV	ATIONS	
Wind:	Agarries	✓ Yes	✓ No		Sample	Date		rator		Cast 501	1031 5310		RKB			ft
Seas:		Problem?	Yes					ractor		Next BOP	Test Date		Water Depth RKB-CHF)		ft
Sky: CASING I	RECORD		✓ No	Pass?	∐ Yes	No	56	rvice	L				KKB-CHF			
	asing Stri	ng	OD	Wt.	Grade	Conn.		Run	MD	Depth TVD	Liner MD	Top TVD	MW when Run	Pres	LOT EMW	Leakoff?
Conducto Surface	·		16" 9 5/8"	32.3	LP H40	STC		<u>1</u> 12	37' 534'	37' 534'			Air Air			
Inermedia			7"	26	L80	LTC LTC		56 14	6,839' 7,455'	6,839' 7,455			8.8 8.8			
Inermedia Production		tion	7" 5"	23 18	P110 P110	FJ		19	8224'	8224'	7,381'	7,381'	8.7			
		-														
	SHT, SPE	ED AND H		ICS REC	ORD			,	1	· · · · · · · · · · · · · · · · · · ·	1		1 4		Crada	
BIT No	Size	Bit Typ Manufa		Serial	Number		lets	Depth In	Total Footage	Hrs	wob	Rpm	Avg ROP	Tooth	Grade Bearing	Gage
5".0							Cum	ROT. Hrs	PI	J Wt	SO	Wt	ROT	Wt	To	rque
Bit Rei	<u>μαπκs:</u>	<u>-</u> -					Cuin, I	.UI. FII8					1			
Pump No.	Stroke	X Liner	Output gps	SPM	GPM	Pre	essure	JV	Pb	DC	V DP	Speed 1/4	SPM		Pump Pres Pump #2	Pump #3
1			gps									1/2				
2									<u> </u>	l	<u> </u>	3/4		<u> </u>	L	<u> </u>
BHA Length:		Descri	ption:													
																-
MUD DA	ΪA															
	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	мвт	pН	Pm	Pf/Mf
PIT						}	<u> </u>	-	 		-		<u> </u>		 	
				L			<u></u>									
	Chi	orides	C	3++	Smpl Temp	F.L. Temp		r Screens			/lud Engine	er			Aud Compa	iny
PIT					 	 	#1	#2	Desand	Cent.	1			1		
	l		<u> </u>		<u> </u>	<u> </u>	#3	#4	Desilt	Mud CI	Daily	Cost		С	umulative C \$8,216	Cost
DIRECTI	ONAL SU	IRVEYS					<u> </u>	<u> </u>			<u> </u>					
N	1D	ΤV	'D	AN	GLE	Di	rection	Coor	dinates	1 \	/\$ 	DL		CLO	SURE	
		<u> </u>						<u> </u>								
OPERAT	IONS SU	MMARY	Time	Boats:			Supply E	Boat Name	:				Status:			
FROM	TO	HOUR	Code					Boat Name				-	Status:			
0600	0600	 	 	SD for	Sunday								Act	Time S ivity	ummary Daily	Cum.
		 		 		 -							1. Mob/De		1	7.5
													2. Cemen			2.5
		ļ	 	1									Circulat Direction		<u> </u>	17
<u> </u>		 	 							 			5. Drilling	IIAI VVOIK	†	1
													6. Drive P			ļ
	ļ	-	1	ļ									7. Fishing 8. OH Log		 	19.5
	 	 	 	†			· · · · · · · · · · · · · · · · · · ·						9. Lost Ci			15.5
													10. Drili C	mt./LOT		
ļ		ļ	_	<u> </u>									11. N.U./ 12. P.U./L		ļ	1
		 	╁	1									12. P.U./L		 	22.5
	<u> </u>		1										14. R/U; F	VD		7
	ļ												15. Rig R		<u> </u>	23.5
	 	-	 	1									16. Run C		+	11.5
	<u> </u>												18. Sidetr	ack Op.		
													19. Stuck		-	
<u> </u>		<u> </u>	-	 				·	0.4.0				20. Surve 21. Trips	у		35.5
ļ		 	1	1									22. Tst. B	OPs_		1
			1	<u> </u>									23. UR/H)		
			1	ļ									24. W.O.V		-	
	 	 	-	1									25. Wash 26. Well 0		1	
	t	 	1	1									27. WOC			
			Ī	<u> </u>						.,			28. Other			149.5
Tota	Hours	+	-	i									Total		<u> </u>	336
Rig D	owntime		Fuel	Jsage			Material or	Board				Previou			5,768	
Daily Cum.	<u> </u>	Daily Cum.	<u> </u>	831	Gals Gals	Ceme Barite				sx sx		Daily Co Cum. C			2,010 77,778	
												-				

MSC Exploration PPI Technology **Daily Completion Report** <u>Services</u> Completion Date Report Date Date on Location Block, Lease and Well No. Mar 22, 2005 Apr 26, 2005 E. Crested Junction - Federal MSC #26-1 AFE No. AFE Amount Auth, TD, Company Representative MD TVD Footage 5268' 5268' \$118,276 8,224 Jim Lander 254-241-5317 Present Operation Rig Phone: Toolpusher Nat Guerrero Prep to perforate Group 4 Rig Fax: BLM Visit Last BOP Test Date RIG ELEVATIONS **NPDES** Current Weather People on Loc. ☑ Yes ☑ No Next BOP Test Date Water Depth Problem? Yes No Pass? Contractor Seas ☐ Yes ☐ No RKB-CHF CASING RECORD OD Jts. Run Leakoff? Run Conductor 9 5/8" 7" 32.3 H40 STC 12 534 534 Air Surface 8.8 26 23 156 6,839 6,839' Inermediate/Production L80 LTC 7,455 8.8 P110 LTC Inermediate/Production 7,381' 7,381 18 19 8224' 8224' 8.7 Production Liner BIT, WEIGHT, SPEED AND HYDRAULICS RECORD

BIT No	Size	Bit Typ Manufa		Serial I	Number	J	ets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
<u>Bit Re</u>	marks:						Cum. F	ROT. Hrs	PU	Wt	so	Wt	RO1	r Wt	Tor	que
Pump	· · · · · · · · · · · · · · · · · · ·		T				L							Slow	Pump Pres	sures
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	J۷	Pb	Α	V	Speed	SPM		Pump #2	Pump #3
		,	gps		1			}		DC	DP	1/4				
1									<u> </u>			1/2				
2			1									3/4				
ВНА																
Length:		Descr	intion:													

Length:	Descri	ption:												
MUD DATA						 				 				
WT.	VIS	PV	YP	GELS	WL	НТНР	CAKE	SLDS %	LGS %	SD %	MBT	рН	Pm	Pf/Mf

îT			ļ			i				
	Chlorides	Ca++	Smpl Temp	F.L. Temp	Shaker	Screens	Но		ud Engineer	Mud Company
					#1	#2	Desand	Cent.		
	<u> </u>			<u></u>	#3	#4	Desilt	Mud Cl	Daily Cost	Cumulative Cost
									\$1,406	\$9,622

DIRECTIONAL SU	RVEYS						
MD	TVD	ANGLE	Direction	Coordinates	VS	DL	CLOSURE
	V// 1.1 41						
		 				+	
	l				<u> </u>		
OPERATIONS SU	MMARY						

TIN			Time	Boats: Supply Boat Name:		Status:		
FROM	то	HOUR	Code	Crew Boat Name:		Status:		
0600	0700	1.0	28	Crew travel to location. BEGIN GROUP 4.		Time Su	mmary	
0700	0730	0.5	22	Pressure test csg and blind rams to 3000 psi for 15 minutes, good test.		Activity	Daily	Cum.
0730	0900	1.5	21	P/U Seat nipple and TIH to 5328' (top of cement plug)		1. Mob/DeMob		7.5
0900	0930	0.5	3	Displace well w/ Clean KCL water		2. Cement		2.5
0930	1000	0.5	22	L/D 2 jts of tbg, pressure test csg and pipe rams to 3000 psi for 15		3. Circulate	0.5	17.5
				minutes, good test		4. Directional Work		
1000	1500	5.0	28	R/U to swab, swab back 150 bbls, estimate top of water 3900'.		5. Drilling		
				R/D swab lubricator		6. Drive Pipe		
1500	1630	1.5	21	POOH w/ tbg		7. Fishing		34
1630	1730	1.0	8	R/u Bran-deX perforating unt and shooting nipple. SDFN		OH Logging	1	20.5
1730	1800	0.5	28	Crew Travel from location		9. Lost Circ.		
						10. Drill Cmt./LOT		
						11. N.U./ N.D.		4
						12. P.U./L.D. BHA		1
						13. P.U./L.D. Pipe		22.5
						14. R/U; R/D		7
						15. Rig Repair		23.5
				3		16. Run Casing		11.5
		~		2		17. Service Rig		
						18. Sidetrack Op.		
						19. Stuck Pipe		
		t	l			20. Survey		
						21, Trips	3	38.5
						22. Tst. BOPs	1	2
						23. UR/HO		
						24. W.O.W.		
		 	1			25. Wash & Ream		
 	 					26. Well Control		
l —	 	-	 			27. WOC		
		-	t			28. Other	6.5	156
	<u> </u>	<u> </u>	 			Total	12	348
Total	Hours	12.0	1	1				
Rig Do	wntime		Fuel L		Previous		7,778	
Daily		Daily		Gals Cement: sx	Daily Cos		447	
Cum.		Cum.	8	31 Gals Barite: sx	Cum. Cos	st \$486	5,225	

RECEIVED

PPI Technology **MSC** Exploration Contract Rig DOL DES Date on Lo Leed #692 36 36 3/22/20 Services Block, Leas Biock, Lease and Well No. E. Crested Junction - Federal MSC #26-1 Completion Date 3/22/2005 Mar 22, 2005 MD TVD 5268' 5268' AFE Amount \$118,276 AFE No. Auth, TD. Footage PBTD Company Representative 8,224' 254-241-5317 Jim Lander Rig Phone: Toolpusher Present Operation Swabbing Well Rig Fax: Nat Guerrero

Report Date Apr 27, 2005

Current V	Veather	BLM \	√isit -		NPDES		People	on Loc.:		Last BOP	Test Date			RIG ELEV	ATIONS	
Wind:		✓ Yes	✓ No	LC50	Sample	<u>Date</u>	Ope	erator					RKB	••••	15	ft
Seas:		Problem?	Yes					ractor		Next BOP	Test Date		Water Depti	า		ft
Sky:	DECORD.		∠ No	Pass?	Yes	∐ No	Se	rvice	L	<u> </u>			RKB-CHF			ft
CASING F	asing Stri	na	OD.	Wt.	Grade	Conn.	Jts.	Run	Settino	Depth	Line	Тор	MW when		LOT	——————————————————————————————————————
									MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?
Conductor			16"		LP	0.70		1	37'	37'			Air			
Surface Inermedia	te/Produc	tion	9 5/8" 7"	32.3 26	H40 L80	STC		12 56	534' 6,839'	534' 6,839'	<u> </u>		Air 8.8			
Inermedia			7"	23	P110	LTC		14	7,455'	7,455'			8.8			
Production	n Liner		5"	18	P110	FJ		19	8224'	8224'	7,381'	7,381'	8.7			
	-								ļ							
BIT, WEIG	SHT, SPE	ED AND H	YDRAUL	ICS REC	ORD					l			<u> </u>			
BIT		Bit Typ		Ī					Total		14/00		Avg	Tasth	Grade	Cono
No	Size	Manufa	cturer	Serial	Number	J	ets	Depth in	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
												-				
Bit Rer	narks:						Cum. F	ROT. Hrs	PU	Wt	so	Wt	ROT	Wt	Tor	que
Pump			····	T				Τ	-	· · · · · · · · · · · · · · · · · · ·	l			Slow	Pump Pres	sures
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	JV	Pb	A	V	Speed	SPM		Pump #2	
			gps							DC	DP	1/4				
1			 		ļ	<u> </u>		ļ				3/4				
2 BHA			<u> </u>	<u> </u>	<u> </u>	<u> </u>		L		L	<u> </u>	3/4	<u> </u>	i		
Length:		Descri	ption:													
MII 5 5 4 -																
MUD DAT	WT.	VIS	PV	ΥP	GELS	WL	нтнр	CAKE	SLDS %	LGS %	OIL %	SD %	мвт	ρН	Pm	Pf/Mf
ΡΙΤ	VV 1 .	A19			GELS	VVL	717711	CARL	0200 78	100 %	O12 78	J 45 /6	10,01		<u> </u>	
								J		1			[
					Comp	F.L.							r			
	Chle	orides	l Ca	9++	Smpl Temp	Temp	Shaker	Screens	Н	ours M	fud Engine	er	ļ	M	lud Compai	ny
PIT						<u> </u>	#1	#2	Desand]					
						[01				
							#3	#4	Desilt	Mud Ci	Daily	Cost		CL	mulative C \$9,622	ost
DIRECTION	ONAL SU	RVEYS						<u> </u>		<u> </u>	<u> </u>		L		40,000	
М	D	ŤV	Ď	AN	GLE	Dir	ection	Coor	dinates		/S	DL		CLOS	URE	
														The same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the s		
OPERAT	IONS SUI	MMARY														
TI		MMARY	Time	Boats:				oat Name					Status:			
TIM FROM	ME TO	HOUR	Code	<u> </u>				oat Name				-	Status: Status:	Time Co		
FROM 0600	ИЕ ТО 0700	HOUR	Code 28	Crew to	ravel to l		Crew B	ioat Name					Status:	Time Su		Cum
TIM FROM	ME TO	HOUR	Code 28	Crew to	4" perfo	rating g	Crew B un and p	oat Name perforate i	nterval 49	04'-4918',	3 shts/ft		Status: Act	ivity	ımmary Daily	Cum. 7.5
FROM 0600	ИЕ ТО 0700	HOUR	Code 28	Crew tr RIH w/ 120 de	4" perfo g phasin	rating g g, tag fl	Crew B un and p luid level	erforate i @ 4550'		04'-4918',	3 shts/ft		Status:	ivity Mob		Cum. 7.5 2.5
FROM 0600	ИЕ ТО 0700	HOUR	Code 28	Crew tr RIH w/ 120 de tagged	4" perfo g phasin fluid lev	rating g g, tag fl el @ 43	Crew B un and p luid level 800', whil	erforate i @ 4550'	nterval 49 going in h	04'-4918',	3 shts/ft		Status: Act 1. Mob/De	ivity Mob		7.5
FROM 0600	ИЕ ТО 0700	HOUR	Code 28	Crew to RIH w/ 120 de tagged perfora	4" perfo g phasin fluid lev	rating g g, tag f el @ 43 interval	Crew B un and p luid level 800', whil , R/D pel	perforate i @ 4550' e pulling of	nterval 49 going in h	04'-4918', oole w/ per e w/ perf g	3 shts/ft ff gun, un after		Act 1. Mob/De 2. Cement 3. Circulat 4. Directio	ivity Mob e		7.5 2.5
FROM 0600 0700	TO 0700 0830	HOUR 1.0 1.5	28 8	Crew to RIH w/ 120 de tagged perfora P/U 7"	4" perfo g phasin fluid lev ting the Arrow se	rating g g, tag fl el @ 43 interval et Packe	Crew B un and p luid level 800', whill , R/D per er and se	perforate i @ 4550' e pulling of frorating u eat nipple	nterval 49 going in h out of hole	04'-4918', sole w/ per w/ perf g	3 shts/ft f gun, un after		Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling	Mob e nal Work		7.5 2.5
FROM 0600 0700 0830 1000	TO 0700 0830 1000 1100	1.0 1.5 1.5 1.5	28 8 21 28	Crew tr RIH w/ 120 de tagged perfora P/U 7" Seat pa	4" perfo g phasin fluid lev ting the Arrow se acker an) psi,ok.	rating g g, tag fl el @ 43 interval et Packe d land f	Crew B un and p luid level 500', while R/D per er and se nanger, e	perforate i @ 4550' e pulling of frorating u eat nipple, engage lo	nterval 49 going in h out of hole init , TIH on 2 ck pins, pi	04'-4918', role w/ perf g	3 shts/ft f gun, un after o 4834'. st csg		Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P	Mob e nal Work		7.5 2.5 17.5
FROM 0600 0700 0830 1000 1100	0700 0830 1000 1100	1.0 1.5 1.5 1.0	28 8 21 21 28	Crew tr RIH w/ 120 de tagged perfora P/U 7" Seat pr to 1000 N/D BC	4" perfo g phasin fluid leventing the Arrow se acker and Desi,ok.	rating g g, tag fl el @ 43 interval et Packe d land f	Crew B un and p luid level 500', while R/D per er and se manger, e	perforate i @ 4550' e pulling of frorating u eat nipple engage locatine	nterval 49 going in h out of hole init , TIH on 2 ck pins, pi	04'-4918', role w/ perf g 7/8" tbg tressure te	3 shts/ft rf gun, un after o 4834'. st csg		Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing	Mob e nal Work	Daily	7.5 2.5 17.5
FROM 0600 0700 0830 1000	TO 0700 0830 1000 1100	1.0 1.5 1.5 1.5	28 8 21 28	Crew tr RIH w/ 120 de tagged perfora P/U 7" Seat pa to 1000 N/D BC R/U sw	4" perfo g phasin fluid lev- ting the Arrow se acker an O psi,ok. OPs and	rating g g, tag fl el @ 43 interval et Pack d land f N/U pro cator, R	un and pluid level (100°, while, R/D per and senanger, endouction IH for 1 senanger)	perforate i @ 4550' e pulling of frorating user nipple, engage locative. Preset run, tag	nterval 49 going in h out of hole init TIH on 2 ck pins, pr sure test of	04'-4918', role w/ perf g 7/8" tbg tressure te	3 shts/ft rf gun, un after o 4834'. st csg		Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log	Mob e nal Work ipe		7.5 2.5 17.5
FROM 0600 0700 0830 1000 1100	0700 0830 1000 1100	1.0 1.5 1.5 1.0	28 8 21 21 28	Crew tr RIH w/ 120 de tagged perfora P/U 7" Seat pr to 1000 N/D BC R/U sw recove	4" perfo g phasin fluid lev ting the Arrow se acker an O psi,ok. OPs and vab lubric red 8 bb	rating g g, tag fl el @ 43 interval et Packe d land h N/U pro cator, R Is, fluid	Un and pluid level 800', while R/D per and senanger, endouction IH for 1 shad a data	perforate i @ 4550' e pulling u errorating u eat nipple, engage loot tree.Press st run, tag	nterval 49 going in h out of hole init , TIH on 2 ck pins, pi sure test of fluid leve color & fo	04'-4918', role w/ perf g 7/8" tbg tressure te	3 shts/ft rf gun, un after o 4834'. st csg		Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir	Mob e nal Work ipe ging c.	Daily	7.5 2.5 17.5
FROM 0600 0700 0830 1000 1100	0700 0830 1000 1100	1.0 1.5 1.5 1.0	28 8 21 21 28	Crew tr RIH w/ 120 de tagged perfora P/U 7" Seat pr to 1000 N/D BC R/U sw recove 2nd rur	4" perfo g phasin fluid lev- ting the Arrow se acker an 0 psi,ok. DPs and vab lubrio red 8 bb n, taggeon	rating g g, tag fl el @ 43 interval et Packe d land f N/U pro cator, R ls, fluid d fluid let	un and pluid level (100°), whill have and senanger, enduction lift for 1 shad a dayed 4000	perforate in a 4550' e pulling of the pulling of the pulling of the perforating upon the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the	nterval 49 going in h out of hole init , TIH on 2 ck pins, pi sure test of fluid leve color & for	04'-4918', role w/ perf g 7/8" tbg tressure te csg to 250 I @ 2800' ul smell	3 shts/ft rf gun, un after o 4834'. st csg		Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log	ivity Mob e e nal Work ipe ging c. mt./LOT	Daily	7.5 2.5 17.5
FROM 0600 0700 0830 1000 1100	0700 0830 1000 1100	1.0 1.5 1.5 1.0	28 8 21 21 28	Crew tr RIH w/ 120 de tagged perfora P/U 7" Seat pr to 1000 N/D BC R/U sw recove 2nd rur recove	4" perfo g phasin fluid lev- ting the Arrow se acker an 0 psi,ok. DPs and vab lubrio red 8 bb n, taggeon	rating g g, tag fl el @ 43 interval et Packe d land f N/U pro cator, R ls, fluid d fluid le ls, fluid	un and pluid level soo, while R/D per and senanger, conduction IH for 1 shad a dayer 4000 had a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar and a dayar	perforate in a 4550' e pulling of the pulling of the pulling of the perforating upon the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the perforation of the	nterval 49 going in h out of hole init , TIH on 2 ck pins, pi sure test of fluid leve color & fo	04'-4918', role w/ perf g 7/8" tbg tressure te csg to 250 I @ 2800' ul smell	3 shts/ft rf gun, un after o 4834'. st csg		Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C	wity Mob e nal Work ipe ging c. mt./LOT	Daily	7.5 2.5 17.5 34 22
71M FROM 0600 0700 0830 1000 1100 1200	TO 0700 0830 1000 1100 1200 1300	1.0 1.5 1.5 1.0 1.0 1.0	28 8 21 28 11 28	Crew tr RIH w/ 120 de tagged perfora P/U 7" Seat pri to 1000 N/D BO R/U sw recove 2nd rur recove Wait for	4" perfo g phasin fluid lev- tring the Arrow se acker an O psi,ok. OPs and yab lubric red 8 bb n, tagged red 4 bb or fluid lev	rating g g, tag fl el @ 43 interval et Packe d land f N/U pro cator, R ls, fluid d fluid le ls, fluid vel to r	un and pluid level 100, while R/D per and senanger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger en anger	perforate i @ 4550' e pulling of frorating u eat nipple, engage loo tree.Press st run, tag ark brown o', pulled f ark brown	nterval 49 going in h out of hole init , TIH on 2 ck pins, pi sure test of fluid leve color & for	04'-4918', role w/ perf g 7/8" tbg tressure te csg to 250 I @ 2800' rul smell nipple, rul smell	3 shts/ft rf gun, un after o 4834'. st csg		Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I	wity Mob e nal Work ipe ging c. mt./LOT N.D.	Daily	7.5 2.5 17.5 34 22
1100 1300 1330	1000 1100 1330 1330 1345	1.0 1.5 1.5 1.0 1.0 1.0	28 8 21 28 11 28	Crew tr RIH w/ 120 de tagged perfora P/U 7" Seat pr to 1000 N/D BC R/U sw recove 2nd rur recove Wait for 3rd rur fluid h	4" perfo g phasin fluid lev- ting the Arrow se acker an O psi,ok. OPs and vab lubric red 8 bb n, tagged red 4 bb or fluid len tag flui ad a red	rating g g, tag fi el @ 43 interval et Packe d land f N/U pro cator, R ls, fluid d fluid le ls, fluid vel to r d level dish-bro	un and pluid level 100°, whill per and senanger, enduction IH for 1 shad a delevel 400°, had a delevel 400°, had a delevel 400°, and a delevel 400°, bown color	perforate i @ 4550' e pulling of frorating u eat nipple, engage loo tree.Press st run, tag ark brown o', pulled f ark brown	nterval 49 going in h out of hole init , TIH on 2 ck pins, pi sure test of fluid leve color & fo rom seat color & fo om SN, re	04'-4918', role w/ perf g 7/8" tbg tressure te csg to 250 I @ 2800' rul smell nipple, rul smell	3 shts/ft rf gun, un after o 4834'. st csg		Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L	ivity Mob e nal Work ipe ging c. mt./LOT N.DD. BHA .D. Pipe	Daily	7.5 2.5 17.5 34 22 5 1 22.5 7
1100 1300 1330 1345	1000 1100 1330 1330 1430	1.0 1.5 1.5 1.0 1.0 1.0 1.0 0.5 0.3	28 8 21 28 11 28 28 28 28	Crew tr RIH w/ 120 de tagged perfora P/U 7" Seat pri to 1000 N/D BC R/U sw recove 2nd rur recove Wait for 3rd rur fluid h	4" perfo g phasin fluid lev- ting the Arrow se acker an O psi,ok. OPs and vab lubric red 8 bb n, tagged red 4 bb or fluid lev n, tag flui ad a red or fluid lever	rating g g, tag fi el @ 43 interval et Packe d land f N/U pro cator, R ls, fluid d fluid le ls, fluid vel to r d level dish-bro vel to r	un and pluid level 100°, whill, R/D per and senanger, en and until for 1 shad a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a devel 400°, had a deve	perforate i @ 4550' e pulling e frorating u eat nipple, engage loe tree.Pres st run, tag ark brown ', pulled fr ark brown pulled fr r & foul sr	nterval 49 going in h out of hole init , TIH on 2 ck pins, pi sure test of fluid leve color & fo from seat color & fo om SN, re nell	04'-4918', role w/ perf g 7/8" tbg tressure te csg to 250 I @ 2800' ul smell nipple, ul smell covered 2	3 shts/ft ff gun, un after o 4834'. st csg		Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re	ivity Mob e nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe	Daily	7.5 2.5 17.5 34 22 5 1 22.5 7 23.5
71M FROM 0600 0700 0830 1000 1100 1200	1000 1100 1330 1330 1345	1.0 1.5 1.5 1.0 1.0 1.0 1.0	28 8 21 28 11 28 28 28 28	Crew tr RIH w/ 120 de tagged perfora P/U 7" Seat pri to 1000 N/D BC R/U sw recove 2nd rur recove Wait for 3rd rur fluid h Wait for 4th run	4" perfo g phasin fluid lev- ting the Arrow se acker an O psi,ok. OPs and vab lubric red 8 bb n, tagged red 4 bb or fluid lev n, tag flui ad a red or fluid lev n, tag flui	rating g g, tag fi el @ 43 interval et Packe d land h N/U procestor, R ls, fluid d fluid le ls, fluid vel to r d level dish-brovel to r d level	un and pluid level 100°, whill, R/D per and senanger, enduction IH for 1 shad a delevel 400°, had a delevel 400°, but no colorise @ 3900°,	perforate i @ 4550' e pulling e frorating u eat nipple, engage loe tree.Pres st run, tag ark brown ', pulled fra r & foul sr pull from	nterval 49 going in h out of hole init , TIH on 2 ck pins, pi sure test of fluid leve color & fo rom seat color & fo om SN, re nell SN, Reco	04'-4918', role w/ perf g 7/8" tbg tressure te csg to 250 I @ 2800' ul smell nipple, ul smell covered 2	3 shts/ft ff gun, un after o 4834'. st csg		Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C	ivity Mob e nal Work ipe ging c. mt./LOT N.DD. BHA .D. Pipe t/D epair asing	Daily	7.5 2.5 17.5 34 22 5 1 22.5 7
1100 1300 1345 1430	1000 1100 1330 1330 1345	1.0 1.5 1.5 1.0 1.0 1.0 1.0 0.5 0.3	28 8 21 28 11 28 28 28 28 28	Crew tr RIH w/ 120 de tagged perfora P/U 7" Seat pri to 1000 N/D BC R/U sw recove 2nd rur recove Wait for 3rd rur fluid h Wait for 4th run Fluid h	4" perfo g phasin fluid lev- ting the Arrow se acker an O psi,ok. OPs and vab lubric red 8 bb n, tagged red 4 bb or fluid lev n, tag flui ad a red or fluid lev i, tag flui ad a red ad a red	rating g g, tag fi el @ 43 interval et Packe d land h N/U procestor, R ls, fluid d fluid le ls, fluid vel to r d level dish-brovel to r d level el dish-brovel	un and pluid level soo, while, R/D per and senanger, enduction IH for 1 shad a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deevel 4000 had a deeve	perforate i @ 4550' e pulling e frorating u eat nipple, engage loe tree.Pres st run, tag ark brown ', pulled fr ark brown pulled fr r & foul sr	nterval 49 going in h out of hole init , TIH on 2 ck pins, pi sure test of fluid leve color & fo rom seat color & fo om SN, re nell SN, Reco	04'-4918', role w/ perf g 7/8" tbg tressure te csg to 250 I @ 2800' ul smell nipple, ul smell covered 2	3 shts/ft ff gun, un after o 4834'. st csg		Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C 17. Service	ivity Mob e nal Work ipe ging c. mt./LOT N.DD. BHA .D. Pipe t/D epair asing e Rig	Daily	7.5 2.5 17.5 34 22 5 1 22.5 7 23.5
1100 1300 1330 1345 1445	1000 1100 1330 1345 1430 1445	1.0 1.5 1.5 1.0 1.0 1.0 1.0 0.5 0.3	28 8 21 28 11 28 28 28 28 28	Crew tr RIH w/ 120 de tagged perfora P/U 7" Seat pri to 1000 N/D BC R/U sw recove 2nd rur recove Wait for 3rd rur fluid h Wait for 4th run Fluid h	4" perfo g phasin fluid lev- ting the Arrow se acker an O psi,ok. OPs and vab lubric red 8 bb or fluid le or fluid le or fluid le or fluid le or fluid le or fluid le or fluid le or fluid le or fluid le or fluid le or fluid le or fluid le or fluid le or fluid le or fluid le	rating g g, tag fi el @ 43 interval et Packe d land h N/U pro cator, R ls, fluid d fluid le ls, fluid vel to r d level dish-bro vel to r d level dish-bro vel to r	un and pluid level soo, while, R/D per and senanger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en anger, en	perforate i 4550' e pulling e frorating u at nipple, engage loe tree.Presst run, tag ark brown by, pulled fr ark brown pulled fror r & foul sr pull from r & foul sr	nterval 49 going in h out of hole init , TIH on 2 ck pins, pi sure test of fluid leve color & fo rom seat color & fo om SN, re nell SN, Reco	04'-4918', role w/ perf g 7/8" tbg tressure te csg to 250 I @ 2800' ul smell nipple, ul smell covered 2	3 shts/ft rf gun, un after o 4834'. st csg		Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C 17. Servic 18. Sidetr	ivity Mob e nal Work ipe ging c. mt./LOT N.DD. BHA .D. Pipe t/D epair asing e Rig ack Op.	Daily	7.5 2.5 17.5 34 22 5 1 22.5 7 23.5
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DPs and vab lubric red 8 bb n, tagged red 4 bb or fluid len n, tag flui ad a red or fluid len n, tag flui ad a red or fluid len n, tag flui ad a red or fluid len n, tag flui ad a red or fluid len n, tag flui ad a red or fluid len n, tag flui len n, tag flui ad a red or fluid len n, tag flui len n, tag flui ad a red or fluid len n, tag flui ad a red or fluid len n, tag flui ad a red or fluid len n, tag flui ad a red or fluid len n, tag flui	rating g g, tag fi el @ 43 interval et Packe d land f N/U pro cator, R ls, fluid d fluid le ls, fluid vel to r d level dish-bro vel to r d level of level dish-bro vel to r d level dish-bro vel to r d level dish-bro vel to r d level dish-bro vel to r d level dish-bro vel to r ld level dish-bro vel to r ld level dish-bro vel to r ld level dish-bro vel to r ld level dish-bro vel to r ld level dish-bro vel to r ld level dish-bro vel to r ld level dish-bro vel to r ld level dish-bro vel to r ld level dish-bro vel to r ld level dish-bro vel to r ld level dish-bro vel to r ld level dish-bro vel to r ld level dish-bro vel to r ld level dish-bro vel to r ld level dish-bro vel to r ld level dish-bro vel to r ld level dish-bro	un and pluid level too, while, R/D per and se ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger, e ananger,	perforate i @ 4550' e pulling e frorating u eat nipple, engage loo tree.Press st run, tag ark brown by, pulled fr ark brown pulled from r & foul sr pull from r & foul sr pull from r & foul sr pull from r & foul sr pull from r & foul sr pull from r & foul sr pull from r & foul sr pull from r & foul sr pull from r & foul sr pull from r & foul sr pull from r & foul sr pull from r & foul sr pull from r & foul sr pull from r & foul sr pull from r & foul sr pull from r & foul sr pull from r & foul sr	nterval 49 going in h out of hole init , TIH on 2 ck pins, pi sure test of fluid leve color & fo rom seat color & fo rom SN, re nell SN, Reco had redo had redo had redo holes, fluid	04'-4918', sole w/ perf g 7/8" tbg tressure te csg to 250 i @ 2800' ul smell nipple, aul smell covered 2 covered 3 b evered 4 bt ish brown evered 3 b	3 shts/ft ff gun, un after o 4834'. st csg 0 psi, ok. bbls bbls color bbls	Previous	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./ I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/HC 24. W.O.V 25. Wash 26. Well C 27. WOC 28. Other Total	ivity Mob e nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe t/D epair asing e Rig ack Op. Pipe y OPs OV. & Ream Control	1.5 1 1.5 1 1.5 1 1.5	7.5 2.5 17.5 34 22 5 1 22.5 7 23.5 11.5
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Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/HC 24. W.O.V 25. Wash 26. Well C 27. WOC 28. Other Total	ivity Mob e nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe t/D epair asing e Rig ack Op. Pipe y OPs OV. & Ream Control	1.5 1.5 1.5	7.5 2.5 17.5 34 22 5 1 22.5 7 23.5 11.5

RECEIVED

MSC Exploration Technology **Daily Completion Report** Services <u>DOL</u> 37 Report Date Contract Rig Block, Lease and Well No. Completion Date 3/22/2005 Mar 22, 2005 Apr 28, 2005 E. Crested Junction - Federal MSC #26-1 Leed #692 AFE Amount Auth. TD. Company Representative MD TVD Footage 8,224 5268' | 5268' PBTD 254-241-5317 Rig Phone Toolpusher Present Operation Swabbing well - WO acid job Rig Fax: Nat Guerrero NPDES **BLM Visit** Last BOP Test Date RKB Wind LC50 Sample Date Next BOP Test Date Water Depth Seas Problem? Yes Contractor RKB-CHF Yes No Service Sk No Pass? CASING RECORD LOT Casing String ÓD TVD Run MD TVD MD 32.3 H40 STC 534 534 Air 9 5/8 Surface Inermediate/Production L80 LTC 156 6.839 6,839 8.8 14 8.8 7,455' nermediate/Production 23 P110 LTC P110 8224 8224 7,381 7,381 8.7 18 FJ Production Liner BIT, WEIGHT, SPEED AND HYDRAULICS RECORD Grade Bit Type and Avg Total Manufacturer Rpm Bearing Depth in No Cum. ROT. Hrs Bit Remarks Slow Pump Pressures Pump #1 Pump #2 Pump #3 J۷ Pb ΑV SPM Output Stroke X Liner No DF 1/4 gps 1/2 BHA Length MUD DATA Pf/Mf WL HTHP CAKE SLDS % LGS % OIL % SD % MBT Pm Temp Temp Mud Company Chloride Mud Cl **Cumulative Cost** \$9,622 DIRECTIONAL SURVEYS OPERATIONS SUMMARY Status: TIME FROM HOUR **Crew Boat Name** 0700 0600 Time Summary Crew travel to location 0700 0730 10 psi on tbg, 0 psi on csg, open well to flare pit, slight blow of air and Activity 0.5 Cum 7.5 water, R/U to swab, run #8 to flare pit, tag fluid level @ 1300', recovered 1. Mob/DeMob 2.5 8 bbls of fluid, no gas or oil was seen, recovered fluid was initially brown 17.5 changing to semi- clean, Run #9, tag fluid @ 2500', 4. Directional Work Recovered 7 bbls, recovered fluid was same as previous run Run #10, tag fluid level @ 3800', pulled from seat nipple Drilling 6. Drive Pipe Recovered 7 bbls, recovered fluid was same as pervious run 7. Fishing 0730 0830 Wait for fluid level to rise 34 1.0 28 0830 8. OH Logging 22 0845 Swab run # 11, tag fluid level @ 3900', pull from seat nipple, 0.3 recovered 3 bbls, fluid same as pervious run 9. Lost Circ 0930 0845 0.8 28 Wait for fluid level to rise 10. Drill Cmt./LOT 0930 5 0945 Swab run # 12, tag fluid level @ 3900', pull from seat nipple, 11. N.U./ N.D. 12. P.U./L.D. BHA 1 recovered 4 bbls, fluid same as pervious run 0945 1030 22.5 0.8 28 Wait for fluid level to rise 13. P.U./L.D. Pipe 1030 1045 7 28 Swab run # 13, tag fluid level @ 4000', pull from seat nipple, 14. R/U; R/D 0.3 23.5 Recover 5 bbls, fluid was reddish brown turning to semi-clean 15. Rig Repair 11.5 16. Run Casing fluid had a foul smell, 8.6+ ppg weight of fluid 1130 1045 17. Service Rig 0.8 28 Wait for fluid level to rise 1130 1145 0.3 28 Run #14, tag fluid level @ 4000' pul from SN, recover 3 bbls 18. Sidetrack Or 19. Stuck Pipe Fluid was reddish brown turning to semi-clean 20. Survey fluid had a foul smell, 8.7 ppg weight of fluid 1230 40 0.8 Wait for fluid level to rise 21. Trips 1230 1245 0.3 Swb run #15, tag fluid level @ 4000', pull fron SN, fluid was same 22. Tst. BOPs 2 1245 1330 23. UR/HO 0.8 28 Wait for fluid level to rise 1330 1345

Swb run #16, tag fluid level @ 4000', pull fron SN, fluid was same, wt 8.7 ppg

Swb run #17, tag fluid level @ 4000', pull fron SN, fluid was same

Recovered 2 bbls, fluid continues to have a foul smell

Bulk Material on Board

Cement:

SWFN, total swabbed today 45 bbls, 2 day total = 73 bbls

0.3

0.8

0.3

0.3

0.5

9.5

1345

1430

1445

1500

Total Hours

Rig Downtime

1430

1445

1500

1530

28

28

28

28

28

Fuel Usage

Wait for fluid level to rise

Crew travel to safety meeting

Gals

RECEIVED

24. W.O.W

27. WOC

28. Other

Previous Cost

Daily Cost

Total

25. Wash & Ream

174

370

9.5

9.5

\$498,824

26. Well Control

	Serv				D	aily	y Co	mp	plora etio			ŧ.				
E.		k. Lease a Junction - F		_	1		Contract I Leed #69		<u>DOL</u> 38	<u>DFS</u> 38	Date on 3/22		Completi Mar 22			t <u>Date</u>), 2005
MD 5268'	TVD 5268'	Foota PBT		AFE	No.		AFE Amo		Auth. TD.		·		Representa		7,0,20	, 2000
3200	3200	Presen	t Operati do acid i				\$118,270 Rig Phon Rig Fax:		2	8,224' 54-241-53'	17	Toolpush	Jim Lander er Nat Guerrer			
Current \	Monther	BLM			NPDES					i Don	-	<u> </u>				
Wind:	· veaulei	✓ Yes	✓ No	LC50) Sample	Date		on Loc.: erator		Last BOP	Test Date		RKB	RIG ELEV		ft
Seas:		Problem?	Yes	00		177.		ractor		Next BOP	Test Date		Water Dept	h		ft
Sky: ASING	RECORD	<u> </u>	∠ No	Pass?	Yes	∐ No	Se	rvice	l <u></u>				RKB-CHF			ft
C	asing Str	ing	OD	Wt.	Grade	Conn.	Jts.	Run	Setting MD	Depth TVD	Line MD	Top TVD	MW when	D	LOT EMW	Leakoff?
onducto	r		16"		LP			1	37'	37'	IVID	100	Run Air	Pres	EIVIVV	Leakon?
urface iermedia	te/Produc	ction	9 5/8" 7"	32.3 26	H40 L80	STC		12 56	534 6,839	534' 6,839'			Air 8.8			
ermedia roductio	te/Produc	ction	7" 5"	23 18	P110 P110	LTC FJ		14	7,455' 8224'	7,455' 8224'	7,381'	7,381'	8.8 8.7			
					7 110				0224	0224	7,361	7,361	8.7			
IT, WEI	GHT, SPE	ED AND H	I YDRAUL	ICS REC	ORD						l		L			
BIT No	Size	Bit Type Manufa		Serial	Number	J	ets	Depth In	Total Footage	Hrs	wob	Rpm	Avg ROP	Tooth	Grade Bearing	Gage
				Contar	- Turning			Серити	1 ookage	1113	100	Тури	1101	10001	Dealing	Cage
Bit Rer	narks:						Cum. F	OT. Hrs	PÚ	Wt	SO	Wt	ROT	Wt	Tor	que
ump			ī		1			1						Slow	Pump Pres	CUITAC
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	J۷	Pb		١٧	Speed	SPM		Pump #2	
1			gps						<u> </u>	DC	DP	1/4				
2												3/4				
HA ength:		Descri	ption:			·										
UD DAT	-Δ			· · · · · · · · · · · · · · · · · · ·												
	WT.	VIS	PV	ΥP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	мвт	pН	Pm	Pf/Mf
IT .																
			·····		1			l	1		L					
	Chle	orides	Ca		Smpl Temp	F.L. Temp	Shaker	Screens	Но	urs M	lud Engine	er		М	ud Compar	ıy [
١٢ .							#1	#2	Desand	Cent.						
			<u>. </u>		L		#3	#4	Desilt	Mud CI	Daily	Cost		Cu	mulative C	ost
RECTIO	DNAL SU	RVEYS	=						<u> </u>		<u> </u>				\$9,622	
М	D	TV	D	AN	GLE	Dire	ection	Coord	dinates	V	'S	DL		CLOS	URE	
	0110 0111															
TIA	ONS SUI	MMART	Time	Boats:				oat Name:					Status:			
FROM 0600	TO 0700	HOUR	Code 28	Crow tr	aval ta la	nation	Crew B	oat Name:					Status:	Time Cu		
0700	0730	1.0 0.5	-		avel to lo on tbg, 0		csg (full),	open we	ll to flare p	it, good b	low of air	&	Acti	Time Su vity	mmary Daily	Cum.
									g fluid lev				1. Mob/Del			7.5
								seen, red d a bad si	covered flu	uid was in	tially brow	/n	 Cement Circulate 			2.5 17.5
				×			·		, Recover	ed 8 bbls			4. Direction			17.5
									a stronge		ell		5. Drilling			
									om seat n same, as		he smell		 Drive Pirac Fishing 	pe		34
0720	0000			fluid wt	was 8.7	ppg., re	covered						8. OH Log			22
0730 0830	0830 1700	1.0 8.5	28 28		r fluid to red to ma		vab run 4	on the hal	f hour. Ma	de a total	of 9 rune		9. Lost Circ 10. Drill Cr			
									N, recove				11. N.U./ N			5
									n at the b	<u> </u>			12. P.U./L.			1 22.5
									nd. Took : ack a tota			U	13. P.U./L. 14. R/U; R			22.5 7
				Total flu	uid swab	bed bad	k today	56 bbls, 3	day total				15. Rig Re	pair		23.5
1700	1730	0.5	28		cation of avel fron		as, SWF	N					16. Run Ca 17. Service			11.5
						- June							18. Sidetra			
				ļ									19. Stuck F			
				Went to	the Cat	us Ros	e and rer	noved 2 7	7/8" tbg, m	isc pieces	s of		20. Survey 21. Trips			40
				casing.	Cleaned	the loc	ation of	debris left	from prev	ious oper	ations.		22. Tst. BC			2
-			 						on location se is on th		notified		23. UR/HC 24. W.O.W			
									gested th		ег		25. Wash 8			
				be used	to level	the loc	ation.						26. Well Co	ontrol		
			-	 		- -							27. WOC 28. Other		11.5	185.5
		4.5.4											Total		11.5	381.5
Total I Rig Dov		11.5'	Fuel U	sage		Bulk Ma	aterial on l	Board				Previous	Cost	\$504	,009	
aily um.	-	Daily Cum.	R.	31	Gals Gals	Cement Barite:	:			sx sx		Daily Cos Cum. Co		\$7, \$511		
														40 11		

PPI Technology

OPERATIONS SUMMARY

1400

1630

2.5

21

MSC Exploration

Daily Completion Report

Zervi Zervi	ces		any Comp	netio.	11 176	port		
Bloc	k, Lease and Well N	lo.	Contract Rig	DOL	DFS	Date on Location	Completion Date	Report Date
E. Crested	Junction - Federal M	ISC #26-1	Leed #692	39	39	3/22/2005	Mar 22, 2005	Apr 30, 2005
MD TVD	<u>Footage</u>	AFE No.	AFE Amount	Auth. TD.		Compan	y Representative	
5268' 5268'	PBTD		\$118,276		8,224'		Jim Lander	
	Present Operation	<u>on</u>	Rig Phone:	2	54-241-53	17 <u>Toolpust</u>	<u>ier</u>	
Fish	out swab line and w	veight bars	Rig Fax:				Nat Guerrero	

		Presen	t Operation	on_			Rig Phon	e:	2	54-241-53	17	Toolpush	er			
	Fist	n out swab li	ne and w	reight ba	rs		Rig Fax:						Nat Guerrero	3		
Current V	Neather	BLM \			NPDES			on Loc.:		Last BOP	Test Date			RIG ELEV	/ATIONS	
Wind:		Yes	∐ No	LC50	Sample	<u>Date</u>	Ope	erator					RKB		15	ft
Seas:		Problem?	☐ Yes				Cont	tractor		Next BOP	Test Date		Water Depti	n		ft
Sky:			☐ No	Pass?	☐ Yes	No	Sei	rvice					RKB-CHF			ft
ASING F																
С	asing Str	ing	OD	Wt.	Grade	Conn.	Jts.	Run	Setting MD	Depth TVD	Line:	Top TVD	MW when Run	Pres	LOT EMW	Leako
Conductor	7		16"		LP			1	37'	37'	1		Air			
Surface			9 5/8"	32.3	H40	STC		12	534'	534'			Air			
nermedia	te/Produ	ction	7"	26	L80	LTC	1	56	6,839'	6,839'			8.8			
nermedia	te/Produ	ction	7"	23	P110	LTC		14	7,455'	7,455'			8.8			
Production	n Liner		5"	18	P110	. FJ		19	8224'	8224'	7,381	7.381	8.7			
	3HT, SPI	ED AND H		ICS RE	ORD											
BIT	C:	Bit Type Manufac		0	M			D	Total		14/05		Avg	T	Grade	
No	Size	Manura	cturer	Senal	Number		ets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gag
		ļ			-							ļ	ļ	ļ		<u> </u>
Bit Ren	marka:						Cum G	ROT. Hrs		Wt	so	18/6	ROT	100		que
Dit Kell	naiks.						Cum. r	OI. HIS	FU	VVI	1 30	AAL	I KOI	VVI	10	que
ump														Slow	Pump Pres	sures
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	J۷	Pb	_ A	V	Speed	SPM	Pump #1	Pump #2	Pump
			gps							DC	DP	1/4				
1	and a second											1/2	1			
2												3/4				
3HA																
Length:		Descrip	tion:													
	. '															
AUD DAT	Ā															
	WT.	VIS	PV	ΥP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	pН	Pm	Pf/M
PIT													I			
	_															
					Smpl	F.L.										
	Chl	orides	Ca	1++	Temp	Temp	Shaker	Screens	Ho	urs M	lud Engine	er		M	lud Compar	ny
דוי							#1	#2	Desand	Cent.						
							#3	#4	Desilt	Mud Cl	Daily	Cost	<u> </u>	Cı	umulative C	ost
															\$9,622	
DIRECTIO					01.5	6.	-41		W		·			- 0. 44		
M	ט	TVI	,	AN	GLE	Dir	ection	Coor	dinates		'S	DL	<u> </u>	CLOS	ころに	
		1		l		40.00		1		ı	1	ı	1			

TII	ME			Boats: Supply Boat Name:	Status:		
FROM	TO	HOUR	Code	Crew Boat Name:	Status:		
0600	0700	1.0	28	Crew travel to location	Time Su	mmary	
0700	0730	0.5	28	Slight vacuum on tbg, 0 psi on csg (full), open well to flare pit,no blow	Activity	Daily	Cum
			L	R/U to swab, run #30 to flare pit, tag fluid level @ 1300', recovered	1. Mob/DeMob		7.5
				8 bbls of fluid, no gas or oil was seen, recovered fluid was intially brown	2. Cement	.,	2.5
				changing to milky color, fluid had a bad smell	Circulate		17.5
				Run #31, swab to tank, tag fluid @ 2500', Recovered 8 bbls	4. Directional Work		
				Fluid was same as previous run, fluid had a stronger foul smell	5. Drilling		
				Run #32, tag fluid level @ 3700', pulled from seat nipple	6. Drive Pipe		
				Recovered 8 bbls, fuild recovered was the same, as well as the smell	7. Fishing		34
				recovered 24 bbls	8. OH Logging		22
0730	0930	2.0	28	M/I R/U Halliburton Stimulation Equipment	9. Lost Circ.		
0930	1230	3.0	28	Pressure test lines to 6000 psi, ok, hold safety meeting, Conduct acid	10. Drill Cmt./LOT		
				Treatment on group 4 perforations, pumped 12 bbls of Clay Safe 5	11. N.U./ N.D.	1	6
				(10% Acetic & 5% NH4CL), start dropping Bio-balls at 1 ball/ bbl of fluid	12. P.U./L.D. BHA		1
				pumped, pumped a total of 45 Bio balls, pumped a total of 60 bbls of acid.	13. P.U./L.D. Pipe		22.5
				displaced w/ 33 bbls of KCL water. Pumped treatment @ 4 BPM @	14. R/U; R/D		7
				2750 psi. It appeared that we had some ball action. Monitor pressure	15. Rig Repair		23.5
				decline for 30 minutes, ISIP = 2072 psi, 5 min SIP = 1546 psi,	16. Run Casing		11.5
				10 min SIP = 1375 psi, 15 min SIP = 1191 psi.	17. Service Rig		
			L	Shut in well, R/D Halliburton. Leave acid on formation for 2 hrs.	18. Sidetrack Op.		
1230	1300	0.5	28	Open well to rig tank, (220 psi 0n tbg), no flow. R/U swab lubricator,	19. Stuck Pipe		
				Fluid level @ surface, make first swab run, recovered 8 bbls, RIH to	20. Survey		
				make 2nd run, while pulling out of hole, swab line parted.	21. Trips	2.5	42.5
1300	1400	1.0	11	N/D tree, N/U BOPS,	22. Tst. BOPs		2
1400	1630	~ -	-	li i i i i i i i i i i i i i i i i i i			

27. WOC 28. Other 192.5 Total 10.5 392 Total Hours 10.5 Rig Downtime Fuel Usage Bulk Material on Board Previous Cost Daily Cost Cum. Cost \$28,274 \$539,579

Unset packer and POOH w/ packer, did not find the swab line or

weight bars, Estimate 700' of swab line plus weight bars in hole.

There were not any marks on the seat nipple to indicate that

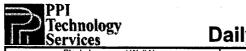
the swab line passed through the seat nipple.

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23. UR/HO

24. W.O.W. 25. Wash & Ream

26. Well Control



MSC Exploration

Daily Completion Report

111	Derv	ices		any comp	710610		.port		
	Bloc	ck, Lease and Well N	<u>10.</u>	Contract Rig	DOL	DFS	Date on Location	Completion Date	Report Date
E	Crested	Junction - Federal M	ISC #26-1	Leed #692	40	40	3/22/2005	Mar 22, 2005	May 1, 2005
MD	TVD	<u>Footage</u>	AFE No.	AFE Amount	Auth. TD.		Company	Representative	
5268'	5268'	PBTD		\$118,276		8,224'		Jim Lander	
		Present Operati	on	Rig Phone:	25	4-241-53	17 Toolpush	er	
		SD for Sunda	у	Rig Fax:				Nat Guerrero	
				,					

5268' 5268' PBTD							\$118,27			8,224			Jim Lander			
		Preser	nt Operati	<u>on</u>			Rig Phor	10:	2	54-241-53	17	Toolpust	<u>ier</u>			
		SD f	or Sunday	<u> </u>			Rig Fax:						Nat Guerrero)		
Current	Weather	BLM	Visit		NPDES		People	on Loc.:		I ast BOP	Test Date		,	RIG ELE	ATIONS	
Wind:		Yes	No	1.050	Sample	Date		erator		LUGI DO	1031 0410		RKB	NIO LLL	15	ft
Seas:		Problem?			Gampio	<u> </u>		tractor		Next BOP	Test Date		Water Depti	<u> </u>		ft
Sky:		7.100.0		Pass?	Ves	No		rvice		HOM BOI	1000 Date		RKB-CHF			ft
	RECORD		140	1 400:				11100	L	<u> </u>			KKB-CHF			
	Casing Str	ing	OD	Wt.	Grade	Conn.	Jts.	Run	Setting	Depth	Line	г Тор	MW when		LOT	
		_			1	į			MD	TVD	MD	TVD	Run	Pres	EMW	Leakof
Conducto	or		16"		LP			1	37'	37'	<u> </u>		Air			1
urface			9 5/8"	32.3	H40	STC		12	534'	534'			Air		T	1
nermedi	ate/Produc	ction	7"	26	L80	LTC	1	56	6,839'	6,839'			8.8			
nermedi	ate/Produc	ction	7"	23	P110	LTC		14	7,455	7,455			8.8			
roductio	on Liner		5"	18	P110	FJ		19	8224'	8224'	7,381'	7,381'	8.7			
												ļ				<u> </u>
IT WE	GHT SPE	ED AND H	YDRAIII	ICS RE	CORD	<u></u>			L	l	<u> </u>	<u> </u>	L	L		
BIT	1	Bit Typ		100112	JUND	1		T	Total		_	T	Avg		Grade	
No	Size	Manufa		Serial	Number	ا ا	lets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
								<u> </u>		1						
Bit Re	marks:						Cum. F	ROT. Hrs	PU	Wt	sc	Wt	ROT	Wt	То	rque
ump			r	-		1	<u> </u>			T				Cloud	Pump Pres	0011500
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	JV	Pb	م ا	١V	Speed	SPM		Pump #2	
110.	Jan	A FILIO	gps	0	0	1		"	'`	DC	I DP	1/4		Citip #1	T dinp #2	T unip "
1	 		37-		<u> </u>			 	 		 	1/2	 			
	 		 					 	 	<u> </u>	···	3/4	ļ · · · · · · ·		ļ	+
HA						L			<u> </u>	L		J5/7	<u> </u>	<u></u>	L	<u></u>
ength:		Descri	ption:					-			***					-
IUD DA	TA															
	WT.	VIS	PV	ΥP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	мвт	pН	Pm	Pf/Mf
PIΤ																
	1															
	CL	orides		1++	Smpl Temp	F.L. Temp	Shaker	Screens			i. Ii.al Caal				Aud Com	
	j Un≱	origes	ı Ca	TT	i amb	Liginh	Louidke	2010	, 10	urs N	lud Engine	er	1	i N	1ud Compa	ıπγ

DIRECTIONAL SU	IRECTIONAL SURVETS														
MD	TVD	ANGLE	Direction	Coordinates	V\$] DL	CLOSURE								
						1									

TI	ME		Time	Boats:	Supply Boat Name:	· · · · · · · · · · · · · · · · · · ·		Status:		
FROM	TO	HOUR	Code	Douts.	Crew Boat Name:		-	Status:		
0600	0700	1.0	28	Crew travel to locat	tion			Time Su	ımmarv	
0700	1000	3.0	21		acker and set nipple, TIH	on 2 7/8" tbg, rabbit each		Activity	Daily	Cum.
				stand, tag obstructi	ion @ 4734', unable to mo	ve packer lower, (previou	uslv	1. Mob/DeMob		7.5
				packer was set @ 4			,	2. Cement		2.5
1000	1130	1.5	21	POOH & L/D Arrow				3. Circulate		17.5
1130	1300	1.5	21	P/U Wire Grab Spe	ear and RIH tag obstruction	n @ 4734', rotate spear a	and	4. Directional Work		
				work sprear down t			·	5. Drilling		
1300	1530	2.5	21	POOH w/ spear, re	cover swab line wt bars, s	wab cups & mandrels.		6. Drive Pipe		
					ces lost in hole. SWFN.			7. Fishing		34
1530	1600	0.5	28	Crew Travel from lo		- · · · · · · · · · · · · · · · · · · ·		8. OH Logging		22
								9. Lost Circ.		
								10. Drill Cmt./LOT		
				Monday RIH w/ tes	t packer and set same.	······································		11. N.U./ N.D.		6
				Replace swab line	***************************************			12. P.U./L.D. BHA		1
								13. P.U./L.D. Pipe		22.5
								14. R/U; R/D		7
			-					15. Rig Repair		23.5
								16. Run Casing		11.5
								17. Service Rig		
								18. Sidetrack Op.		
		-	-		*			19. Stuck Pipe		
								20. Survey		
								21. Trips	8.5	51
								22. Tst. BOPs		2
_								23. UR/HO		
								24. W.O.W.		
								25. Wash & Ream		
					. *			26. Well Control		
								27. WOC		
								28. Other	1.5	194
								Total	10	402
Total		10.0	L							
Rig Do	wntime	Daily	Fuel U		k Material on Board		Previous			
Daily Cum.		Cum.	<u> </u>	Gais Cer 31 Gais Bar	ment:	SX SX	Daily Cos Cum. Cos			

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	PPI Tech Serv	nology ices	/		D			Expompl				t				
		k. Lease a	nd Well N	lo.			Contract		DOL	DFS		Location	Comple	tion Date	Repo	rt Date
		Junction - I				ļ	Leed #69		41	41	3/22	/2005		2, 2005	May 2	2, 2005
MD 5268'	<u>TVD</u> 5268'	Foot PB		AF	No.		AFE Amo \$118,27		Auth, TD.	8,224'		Company	/ Representa Jim Lander			
	1		nt Operation	<u>on</u>			Rig Phon		2	54-241-53	17	Toolpush				
L		SD while	WO swal	bline			Rig Fax:					<u> </u>	Nat Guerrer	О		
Current	Weather	BLM	\/ieit		NPDES		People	on Loc.:	· · · · · · · · · · · · · · · · · · ·	i ast BOP	Test Date		1	RIG ELE	ZATIONS	
Wind:	110001101	✓ Yes	✓ No	LC50) Sample	Date		erator	! !	Last DOI	103t Date		RKB	THIS ELL	15	ft
Seas:		Problem?						tractor		Next BOP	Test Date	3	Water Dep	th		ft
Sky:	RECORD	J	✓ No	Pass?	Yes	☐ No	Se	rvice	l	l			RKB-CHF			ft
	Casing Str		OD	Wt.	Grade	Conn.	Jts.	. Run	Settino	Depth	Line	r Top	MW when	ī	LOT	
									MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?
Conducto Surface	or		16" 9 5/8"	32.3	LP H40	STC		12	37' 534'	37' 534'	ļ	 	Air Air	<u> </u>		-
	ate/Produc	ction	7"	26	L80	LTC		56	6,839'	6,839'		1	8.8	1		
	ate/Produc	ction	7"	23	P110	LTC		14	7,455'	7,455			8.8			
Production	on Liner	-	5"	18	P110	FJ	<u> </u>	19	8224'	8224'	7,381'	7,381'	8.7	1		
<u></u>											i		İ	İ	<u> </u>	
BIT, WEI	IGHT, SPE	ED AND H		ICS RE	CORD			1	Total	1	1 .	1	Ι Δνα	T	Grade	
No	Size	Manufa		Serial	Number	l ,	Jets	Depth In	1	Hrs	WOB	Rpm	Avg ROP	Tooth	Bearing	Gage
Bit Re	marks:	<u> </u>		L		Ц	Cum. F	ROT. Hrs	PI.	J Wt	SC) Wt	RO	T Wt	To	rque
Pump No.	Stroke	X Liner	Output	SPM	GPM	Pre	essure	JV	Pb	۾	AV	Speed	SPM		Pump Pres	Ssures Pump #3
110.	Suoke	A CINE	gps	0,	01 141	''	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		, ,	DC	DP	1/4]		,	1
1												1/2				
BHA	<u> </u>							<u> </u>		1	L	3/4	L	<u> </u>		<u> </u>
Length:		Descri	ption:				. ,	-			· · · · · ·	•				
MUD DA	TA	 														
	WT.	VIS	PV	YP	GELS	WL	НТНР	CAKE	SLDS %	LGS %	OIL %	SD %	мвт	рН	Pm	Pf/Mf
PIT																
	<u> </u>		<u> </u>			ŀ	l	J	L	<u> </u>		<u> </u>	L		<u> </u>	<u> </u>
—	ī		 		Smpl	F.L.	T		l I				1	T		
CIT	Chi	orides	Ca	1++	Temp	Temp		Screens			/lud Engine	er	<u> </u>	<u> </u>	Aud Compa	ıny
PIT			+			\vdash	#1	#2	Desand	Cent.	1					
	•						#3	#4	Desilt	Mud CI	Daily	Cost	ļ	C	umulative C	Cost
DIRECTI	IONAL SU	RVEYS							L	<u> </u>	<u> </u>		<u> </u>	<u> </u>	\$9,622	
	VID	TV	/D	AN	GLE	Dir	ection	Coor	dinates	\	/S	DL	I	CLO	SURE	
						Į										
OPERA1	TIONS SU	MMARY		L		<u> </u>		L		<u> </u>			<u> </u>			,
TI	ME		Time	Boats:				oat Name:				_	Status:			
5ROM 0600	TO 0600	HOUR	Code	SC /	Conc1		Crew B	Boat Name:					Status:	T! C		
10000	10000	 		2D tot	Sunday			 				· · · · · · ·	Ac	Time Si tivity	ummary Daily	Cum.
1	 		1	-									1. Mob/De			7.5
													2. Cemen			2.5
								s AM. Ga			own work		3. Circula			17.5
<u> </u>	-	ļ	1	until s	wab line	arrives	tomorro	w and Le	ed has a f	full crew.			4. Direction		 	+
		-	1			<u> </u>			 				5. Drilling		 	
			1										6. Drive P		+	34
	1	†	1	t									8. OH Log		1	22
													9. Lost Ci			
													10. Drill C	mt./LOT		ļ
<u></u>		ļ	1							 -	 .		11. N.U./		1	6
	ļ	<u> </u>	↓	⊢—				 					12. P.U./L		1	1 22.5
	 	 	 	 									13. P.U./L 14. R/U; F		-	22.5 7
	1	ļ	1	ļ									15. Rig R			23.5
													16. Run C			11.5
													17. Service			ļ
ļ	 	<u> </u>	ļ	 									18. Sidetr		 	+
-	+		 										19. Stuck		-	+

sx sx

Fuel Usage

831

Gals Gals Bulk Material on Board

Cement: Barite: 21. Trips
22. Tst. BOPs
23. UR/HO
24. W.O.W.
25. Wash & Ream
26. Well Control
27. WOC
28. Other

Total

Previous Cost Daily Cost Cum. Cost 51 2

194

402

\$544,392 \$2,010 \$546,402

PPI **MSC Exploration** Technology **Daily Completion Report** <u>Services</u> Contract Rig Leed #692 Block, Lease and Well No. DOL 42 Completion Date Report Date E. Crested Junction - Federal MSC #26-1 3/22/2005 Mar 22, 2005 May 3, 2005 TVD Fectage AFÉ No. AFE Amount Auth, TO. Company Representative 5268' \$118,276 Jim Lander Present Operation 254-241-5317 Toolpusher SD while WO swabling Rig Fax: Nat Guerrero Current Weather Last BOP Test Date BLM Visit NPDES **RIG ELEVATIONS** LC50 Sample Date Wind: ✓ Yes ✓ No Problem? Yes No Pass? Next BOP Test Date Water Depth Seas: Contractor ft RKB-CHF CASING RECORD LOT EMW Casing String OD Jts. Run | Leakoff? MD TVD MD Run Conductor 9 5/8 H40 534' Air nermediate/Production 26 L80 LTC 156 6,839' 6,839' 8.8 7" 23 P110 7.455 8.8 Inermediate/Production LTC 14 7.455 P110 FJ 19 7,381' 7,381 8.7 18 8224 8224 Production Liner BIT, WEIGHT, SPEED AND HYDRAULICS RECORD Total Footage Avg ROP Bit Type and Grade Gage Depth in Hrs WOB Rpm Tooth Bearing Size Manufacturer Serial Number Cum. ROT. Hrs PU Wt SO W ROT W Bit Remarks: Slow Pump Pressures Pump #1 | Pump #2 | Pump #3 SPM SPM GPM JV РЬ Speed 1/4 Output Pressure Stroke X Liner DΡ DC gps 1/2

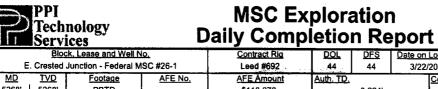
ВНА				
Length:	Description:			

	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE		LGS %	OIL %	SD %	MBT	pН	Pm	Pf/Mf
ΙT																
												 				
	Chk	orides	Ca	1++	Smpl	F.L. Temp	Shaker	Screens	но	ırs M	ud Engine	er		N	lud Compai	nv
IT	O I II						#1	#2	Desand	Cent.						
	<u> </u>	-	l			I	#3	#4	Desilt	Mud CI	Daily	Cost		Cı	mulative C	ost
										maa or					\$9,622	

	DIRECTIONAL SU	DIRECTIONAL SURVEYS														
1	MD	TVD	ANGLE	Direction	Coordinate		VS	DL	CLOSURE							
ı						- MTh		· · · · · · · · · · · · · · · · · · ·								
ı																
ı					1			1								
- 1																

	IONS SU	MMARY								
	ME		Time	Boats:	Supply Boat Name		_	Status:		
FROM	TO	HOUR	Code		Crew Boat Name	:		Status:		
0600	0700	1.0	28	Crew travel to lo				Time Su		
0700	0830	1.5	21	P/U 7" Arrow Pa	acker and TIH to 4834'			Activity	Daily	Cum.
0830	0900	0.5	28	Set Packer and	pressure test csg to 500	psi, ok.		1. Mob/DeMob		7.5
0900	1030	1.5	28	Check locations	State MSC #35-1 and S	tate MCS #16-1		2. Cement		2.5
				remove misc, flo	ow lines , etc.			Circulate		17.5
1030	1100	0.5	28	Crew travel from	n location			4. Directional Work		
								5. Drilling		
								6. Drive Pipe		
				<u> </u>				7. Fishing		34
				New swab line i	s suppose to be ready to	omorrow @ noon		8. OH Logging		22
								9. Lost Circ.		
								10. Drill Cmt./LOT		
		,						11. N.U./ N.D.		6
								12. P.U./L.D. BHA		1
								13. P.U./L.D. Pipe		22.5
					475			14. R/U; R/D		7
								15. Rig Repair		23.5
				l will sent 158 jt	s of 2 7/8" tbg to Pipe Re	newal Services in		16. Run Casing		11.5
			-		w. There are presently 9			17. Service Rig		
				at PRS for inspe	ection and re-conditioning	g.		18. Sidetrack Op.		
								19. Stuck Pipe		
								20. Survey		
								21. Trips	1.5	52.5
<u> </u>		W 1			. 1			22. Tst. BOPs		2
				Checked location	ons Catus Rose, State M	SC #35 -1, State MSC # 16-	1, &	23. UR/HO		
				MSC State #32	-1			24. W.O.W.		
				Trash basket is	still on Catus Rose			25. Wash & Ream		
								26. Well Control		
	 	····		1				27. WOC		
	<u> </u>							28. Other	3.5	197.5
								Total	5	407
Total	Hours	5.0	1	L						
	wntime		Fuel L	Jsage	Bulk Material on Board		Previous		5,402	
Daily		Daily		Gals	Cement:	SX	Daily Co		010	
Cum.		Cum.	8	31 Gals	Barite:	sx	Cum. Co	st \$54	8,412	

RECEIVED



	***					, .								
Blo	ck, Lease a	nd Well N	lo,			Contract Rig	DOL	DFS	Date on	Location	Completio	on Date	Repo	rt Date
E. Crested	Junction - F	ederal M	ISC #26-	1		Leed #692	44	44	3/22/	2005	Mar 22,	2005	May	5, 2005
MD TVD	Foot	age	AFE	No.		AFE Amount	Auth, TD.		*·	Company	Representat	ive		
5268' 5268'	PB1	TD .				\$118,276		8,224'			Jim Lander			
	Preser	t Operati	on			Rig Phone:	2	54-241-53	17	Toolpush	ier			-
	Sv	vabbing				Rig Fax:					Nat Guerrero			
	T 51.14	. P - 10		NODES										
Current Weather	BLM'			NPDES		People on Loc.:	L	Last BOP	lest Date			RIG ELE	VATIONS	
Wind:	✓ Yes	✓ No	LC50) Sample	Date	Operator	Operator			RKB		15	ft	
Seas:	Problem?	☐ Yes				Contractor		Next BOP	Test Date)	Water Depth			ft
Sky:		✓ No	Pass?	Yes	No	Service					RKB-CHF			ft
CASING RECORD														
Casing Str	ing	OD	Wt.	Grade	Conn.	Jts. Run	Setting	Depth	Line	г Тор	MW when		LOT	
				<u> </u>			MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff
Conductor		16"		LP		1	37'	37'			Air			
Surface		9 5/8"	32.3	H40	STC	12	534'	534'			Air			1
Inermediate/Produ	ction	7"	26	L80	LTC	156	6,839'	6,839'			8.8			
Inermediate/Produ	ction	7"	23	P110	LTC	14	7,455'	7,455'			8.8			
Production Liner		5"	18	P110	FJ	19	8224'	8224'	7,381'	7,381'	8.7		L	
		1.												

BIT. WEI	GHT. SPE	ED AND I	IYDRAUL	ICS RE	ORD				<u> </u>		<u> </u>					
BIT		Bit Typ			-			T	Total				Avg		Grade	
No	Size	Manufa	acturer	Serial	Number	J	lets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
	<u> </u>					l					<u> </u>					
<u>Bit Re</u>	<u>marks:</u>						Cum. f	ROT, Hrs	PU			Wt	ROT	Γ Wt	Tor	que
Pump						<u> </u>		1		· ·				Slow	Pump Pres	sures
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	J۷	Pb .	A	W	Speed	SPM	Pump #1	Pump #2	Pump #3
			gps						<u> </u>	DC	DP	1/4				
1											1	1/2				
2						,						3/4				
RHA									· ·							-

Length:	Description:			

	WT.	VIS	PV	ΥP	GELS	WL.	HTHP				OIL %	SD %	MBT	pН	Pm	Pf/Mf
ΊŤ	1								ĺ,							
	.,												,			
					Smpl	F.L.										
	Chi	orides	Ca	1++	Temp	Temp		Screens	Ho	urs M	ud Engine	er		M	lud Compai	пу
भ							#1	#2	Desand	Cent.						
			<u> </u>													
					-		#3	#4	Desilt	Mud CI	Daily	Cost		Ci	ımulative C	ost
								· · · · · · · · · · · · · · · · · · ·							\$9,622	

DIRECTIONAL SU	RVEYS						
MD	TVD	ANGLE	Direction	Coordinates	VS	DL	CLOSURE
				1	1		
		L		l	ł I .	l l	
	1						
	1	1		1	1	I	L

OPERAT			Time	Boats:	Supply Boat Nan	ne.		Status:		
FROM	TO	HOUR	Code	Douts.	Crew Boat Nan			Status:		
0600	0700	1.0	28	Crew Travel to	ocation	······································		Time Su	ımmary	
0700	0800	1.0	28	40 psi on tbg, o	pen tbg to flare pit, air a	and traces of water, no gas	3	Activity	Daily	Cum.
			i i	Made swab run	#10 to flare pit, tag flui	d level @ 700', had a trace	of gas	1. Mob/DeMob		7.5
				just before water	r reached the flare, re-	covered 6 bbls, fluid was		2. Cement		2.5
				reddish colored	water changing to a m	ilky color (spent acid)	•	3. Circulate		17.5
				Made swab run	s 11-14, to rig tank, las	run pulled from seat nipp	le,	4. Directional Work		
					ols, total of 27 bbls	· · · · · · · · · · · · · · · · · · ·		5. Drilling		
0800	0830	0.5	28	Wait for fluid to				6. Drive Pipe		
0830	0900	0.5	28	Swab run #15, 1	ag fluid level @ 3700',	recovered 6 bbls,		7. Fishing		34
				fluid was the sa	me as pervious runs			8. OH Logging		22
0900	1230	3.5	28	Make a swab ru	n every half hour, (7 ru	ns) tagged fluid level @ 4	100 -	9. Lost Circ.		
				4300', Recovere	ed a total of 24 bbls, flu	d recovered same as pen	vious runs,	10. Drill Cmt./LOT		
1230	1300	0.5	28	make swab run	#23 to flare bit, no gas	, recovered 3 bbls,		11. N.U./ N.D.		6
				fluid was the sa	me as pervious runs			12. P.U./L.D. BHA		1
1300	1730	4.5	28	Make a swab ru	in every half hour, (9 ru	ns) tagged fluid level @ 4:	300 -	13. P.U./L.D. Pipe		22.5
				4400', Recovere	ed a total of 29 bbls, flu	id recovered same as pen	vious runs,	14. R/U; R/D		7
				SWFN				15. Rig Repair		23.5
1730	1800	0.5	28	Crew travel from	n location			16. Run Casing		11.5
				swabbed back	total of 89 bbls of fluid	, no sign of oil in any of th	e	17. Service Rig		
				samples. After t	he samples were allow	ed to settle, there was red	· ·	18. Sidetrack Op.		
				sediment on the	bottom, the water was	semi-clear, no indication		19. Stuck Pipe		
				of oil in samples	s. Traces of spent acid,	Ph has 4. weight of clear	fluid	20. Survey		
				was 8.8 ppg				21. Trips		52.5
			I	recovered a total	al of 137 bbls in 2 days.			22. Tst. BOPs		2
	1			Acid treatment	was 95 bbls.			23. UR/HO		
					grand of the			24. W.O.W.		
								25. Wash & Ream		
				1				26. Well Control		
								27. WOC		
								28. Other	12	222
								Total	12	431.5
	Hours	12.0	1							
_	wntime		Fuel U		Bulk Material on Board		Previous		3,222	
Daily Cum.		Daily Cum.	-	Gals 331 Gals	Cement: Barite:	SX SX	Daily Co Cum. Co		704 2,926	
Guii.	<u> </u>	Cuit.	1	o, Gais	Dante.	. 34	Cuin. Co	Jac #30/	-,520	



MSC Exploration

Daily Completion Report

		Junction - F					Le ed.#6 8		45	45	3/22/		Mar 22			6, 2005
<u>MD</u> 5268'	<u>TVD</u> 5268'	Foots PBT		AFE	E No.		AFE Amo		Auth. TD.			Company	Representa	tive		
3206	3200		t Operati	<u>on</u>			\$118,270 Rig Phon		l	8,224' 54-241-53	17	Toolpush	Jim Lander er			
		Sw	abbing				Rig Fax:						Nat Guerrero)		
Current \	Veather	BLM	/ieit		NPDES		People	on Loc.:		Last BOD	Test Date			BIC ELE	MEIONE	
Wind:		✓ Yes	√ No	LC50	Sample	Date		erator		Last BOP	Test Date		RKB	RIG ELE	15	ft
Seas:		Problem?	Yes				Cont	tractor		Next BOP	Test Date		Water Depth	1		ft
Sky:	RECORD		✓ No	Pass?	Yes	∐ No	Sei	rvice					RKB-CHF		···	ft
	asing Stri		OD	Wt.	Grade	Conn.	Jts.	Run	Setting MD	Depth TVD	Liner MD	Top TVD	MW when Run	Pres	LOT EMW	Leakoff?
onducto			16"		LP			1	37'	37'			Air			
urface	te/Produc	rtion	9 5/8" 7"	32.3 26	H40 L80	STC		12 56	534' 6,839'	534' 6,839'			Air 8.8			<u> </u>
	te/Produc		7"	23	P110	LTC		14	7,455'	7,455			8.8			
roduction	Liner		5"	18	P110	FJ	1	19	8224'	8224'	7,381'	7,381'	8.7			
BIT	HT, SPE	ED AND H Bit Type		ICS REC	CORD	r		1	7-4-1	,			A		01-	
No	Size	Manufa		Serial I	Number	J	ets	Depth in	Total Footage	Hrs	WOB	Rpm	Avg ROP	Tooth	Grade Bearing	Gage
<u>Bit Rer</u>	narks:						Cum. F	ROT. Hrs	PU	Wt	so	Wt	ROT	Wt	To	rque
ump					1		**	1		1	l			Slow	Pump Pres	ssures
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	JV	Pb		V	Speed	SPM			Pump #3
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Rig Downtime

Fuel Usage

Gals

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OPERAT TII FROM 0600	IONS SUI ME TO 0700	MMARY HOUR 1.0	Time Code 28	Boats: Crew T 35 psi o Made s	ravel to I on tbg, o	location pen tbg #50 to	Supply B Crew B to flare p	Coord oat Name: oat Name:	dinates diraces of traces of evel @ 12	f water, no	gas	DL	Status: Acti 1. Mob/De	CLOS Time Su vity Mob	\$9,622 SURE	Cum. 7.5
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Date on Location 3/22/2005

Completion Date Mar 22, 2005

Company Representative
Jim Lander

Toolpusher

Report Date May 7, 2005

\$568,447 \$5,701 \$574,148

RECEIVED

Previous Cost Daily Cost Cum. Cost



MSC Exploration

Daily Completion Report

Contract Rig DOL DES Date on Location

		Junction - F					Leed #69		47	47	3/22/	2005	Mar 22	, 2005		8, 2005
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			t Operati	<u>on</u>			Rig Phon		2	54-241-53	17	Toolpush				
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OPERAT TII FROM	IONS SUN	TVI MMARY HOUR	Time Code	Boats:			Supply B	Coord	dinates		1		Status: Status:	CLOS	\$9,622 URE	Cost
OPERAT	IONS SU	TVI MMARY	Time	Boats:	ravel to I	ocation	Supply B Crew B	Coord	dinates	V	's	DL	Status:	CLOS	\$9,622	
OPERAT TII FROM 0600	IONS SUI ME TO 0700	MMARY HOUR 1.0	Time Code 28	Boats: Crew T 20 psi c	ravel to I	ocation	Supply B Crew B	Coord coat Name: coat Name:	dinates	f water tra	s ce of gas	DL		CLOS Time Su	\$9,622 URE	Cum.
OPERAT TII FROM 0600	IONS SUI ME TO 0700	MMARY HOUR 1.0	Time Code 28	Boats: Crew T 20 psi o Made s (slightly	ravel to I on tbg, o wab run more th	ocation pen tbg #72 to an yes	Supply B Crew B to flare p flare pit, terday) a	Coord oat Name: oat Name: oit, air and tag fluid li head of th	d traces of evel @ 12	f water tra	s ce of gas	DL	Status: Acti 1. Mob/Dei 2. Cement	CLOS Time Suvity Mob	\$9,622	Cum. 7.5 2.5
OPERAT TII FROM 0600	IONS SUI ME TO 0700	MMARY HOUR 1.0	Time Code 28	Boats: Crew T 20 psi c Made s (slightly recover	ravel to I on tbg, of wab run more the	ocation pen tbg #72 to an yes	Supply B Crew B to flare p flare pit, terday) a	cat Name: oat Name: oat Name: oit, air and tag fluid li head of th	dinates di traces of	f water tra	s ce of gas	DL	Status: Acti 1. Mob/De 2. Cement 3. Circulate	CLOS Time Suvity Mob	\$9,622	Cum. 7.5
OPERAT TII FROM 0600	IONS SUI ME TO 0700	MMARY HOUR 1.0	Time Code 28	Boats: Crew T 20 psi c Made s (slightly recover changir	ravel to I on tog, or wab run more the red 8 bbl	ocation pen tbg #72 to an yes s, fluid	Supply B Crew B to flare p flare pit, terday) a was redd	coat Name: coat Name: coat Name: tag fluid li head of the	d traces of	f water tra	ce of gas	DL	Acti 1. Mob/Dei 2. Cement 3. Circulate 4. Direction	CLOS Time Suvity Mob	\$9,622	Cum. 7.5 2.5
OPERAT TII FROM 0600 0700	IONS SUI ME TO 0700	MMARY HOUR 1.0	Time Code 28	Boats: Crew T 20 psi c Made s (slightly recover changir	ravel to lon tbg, of wab run ramore the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description of the description	location pen tbg #72 to pan yes s, fluid nilky co ping (rui	Supply B Crew B to flare pt flare pit, terday) a was redd olor (spen	coat Name: oat Name: oat Name: tag fluid li head of the dish colo t acid)	d traces of evel @ 12	f water tra	ce of gas	DL	Status: Acti 1. Mob/De 2. Cement 3. Circulate	CLOS Time Suvity Mob e nal Work	\$9,622	Cum. 7.5 2.5
OPERAT TIII FROM 0600 0700 0800	IONS SUI ME TO 0700 0800	HOUR 1.0 1.0 0.5	Time Code 28 28	Boats: Crew T 20 psi c Made s (slightly recover changir Continu fluid sa wait for	ravel to I on tbg, o wab run r more th red 8 bbl ng to a r re swabb me as pr fluid to r	ocation pen tbg #72 to an yes s, fluid nilky co ping (run revious	Supply B Crew B to flare pt, terday) a was redolor (spen ns 73-76 runs, PH	cat Name: cat Name: cat Name: tag fluid lichead of the dish colort acid)	d traces of evel @ 12 ne water red water nk, recove	f water tra 00', had s red 17 bb	ce of gas some gas	DL	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing	Time Suvity Mob enal Work	\$9,622	Cum. 7.5 2.5 17.5
OPERAT TII FROM 0600 0700	IONS SUM ME TO 0700 0800	HOUR 1.0	Time Code 28 28	Boats: Crew T 20 psi c Made s (slightly recover changir Continu fluid sa wait for Make a	ravel to I on tbg, op wab run r more th red 8 bbl ng to a r ue swabb me as pr fluid to r swab ru	ocation pen tbg #72 to an yes s, fluid milky co bing (run evious rise in every	Supply B Crew B to flare pt flare pit, terday) a was redo lor (spen ns 73-76 runs, PH	coat Name: oat Name: oat Name: tag fluid li- head of th dish colo t acid)) to rig tar i is 4. wei	d traces of evel @ 12 ne water red water lik, recover ght of fluid tagged f	f water tra 00', had s red 17 bb is 8.7 pp	ice of gas some gas ils of fluid g	DL	Acti 1. Mob/Dei 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Loge	Time Suvity Mob enal Work	\$9,622	Cum. 7.5 2.5 17.5
OPERAT TIII FROM 0600 0700 0800	IONS SUI ME TO 0700 0800	HOUR 1.0 1.0 0.5	Time Code 28 28	Boats: Crew T 20 psi c Made s (slightly recover changir Continu fluid sa wait for Make a Recove	ravel to I on tbg, op wab run r more th red 8 bbl ng to a r re swabb me as pr fluid to r swab ru ored a tot	ocation pen tbg #72 to an yes s, fluid milky co ping (run revious rise in every	Supply B Crew B to flare pt, terday) a was reddor (spen runs, PH half hou	coat Name: oat Name: oat Name: tag fluid lichead of the dish color t acid)) to rig tar i is 4. weight, (8 runs iid recove	d traces of evel @ 12 ne water red water nk, recove	f water tra 00', had s red 17 bb is 8.7 pp luid level as pervio	ice of gas some gas ils of fluid g	DL	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing	Time Suvity Mob enal Work pe	\$9,622	Cum. 7.5 2.5 17.5
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OPERAT TIII FROM 0600 0700	ONS SUI ME TO 0700 0800 0830 1200	1.0 1.0 0.5 3.5	Time Code 28 28 28	Boats: Crew T 20 psi c Made s (slightly recover changir Continu fluid sa wait for Make a Recove While F Repair Finish F	ravel to I on tbg, or wab run or more the swabtung to a rue swabtune as principle of the swab rue swab rue da tot or cool w/draw wo	pen tbg #72 to san yes s, fluid nilky co bing (run revious rise un every tal of 21 y swab i rks cha	Supply B Crew B Ito flare pit, terday) a was reddilor (spen runs, PH Ito half hou I bbls, flurun #84, run #84, run dilor (spen run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, run #84, ru	cat Name: cat Name: cat Name: tag fluid le head of th dish colo t acid) t or ig tar is 4. wei id recove the draw to	d traces of evel @ 12 ne water red water nk, recove ght of fluid) tagged f red same works cha	f water tra 00', had s red 17 bb is 8.7 pp luid level as pervio in broke	ice of gas some gas ils of fluid g	DL	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Loge 9. Lost Circulate 10. Drill Cr 11. N.U./ N 12. P.U./L.	Time Suvity Mob enal Work pe ging c. mt./LOT I.D. D. BHA	\$9,622	Cum. 7.5 2.5 17.5 34 22 6 1
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5268'	5268'	PB'					\$118,27		AGUICTO.	8,224'		Compan	Jim Lander			
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Drill Cmt./LOT 11. N.U./ N.D. 6 12. P.U./L.D. BHA 1 13. P.U./L.D. Pipe 22.5 14. R/U; R/D 7 15. Rig Repair 26.75 16. Run Casing 11.5 17. Service Rig 18. Sidetrack Op. 19. Stuck Pipe 20. Survey 21. Trips 52.5 22. Tst. BOPs 2 23. UR/HO 24. W.O.W. 25. Wash & Ream 26. Well Control 27. WOC 28. Other Total 251.25 464 Total Hours Bulk Material on Board Cement: Barite: Rig Downtime Previous Cost Daily Cost Cum. Cost \$578,787 Fuel Usage Gals Gals Daily \$2,010 \$580,797 831

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MSC Exploration Daily Completion Report PPI Technology Services Contract Rig Leed #692 Block, Lease and Well No. E. Crested Junction - Federal MSC #26-1 Date on Location 3/22/2005 DOL 49 Auth TD. Completion Date Mar 22, 2005 TVD 5268' AFE No. AFE Amount MD Footage Company Representative 8,224' 254-241-5317 5268' PBTD \$118,276 Jim Lander Present Operation Rig Phone: Toolpusher Swabbing Rig Fax: Nat Guerrero Last BOP Test Date

Report Date May 10, 2005

Seas:		✓ Yes	√ No	LC50	Sample I	<u>Date</u>		rator					RKB			ft
		Problem?	Yes		T 1 62 1	() ()		ractor		Next BOP	Test Date		Water Depti	h		ft
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	asing Sui	''Y		***	Glade	OUNII.	Jis.	T Cult	MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff
Conducto	Г		16"		LP			1	37'	37'			Air			
Surface			9 5/8"	32.3	H40	STC	1	12	534'	534'			Air			
nermedia	te/Produc	tion	7"	26	L80	LTC		56	6,839'	6,839'			8.8			
	te/Produc	tion	7"	23	P110	LTC		4	7,455'	7,455'			8.8			
Productio	n Liner		5"	18	P110	FJ	1	9	8224'	8224'	7,381	7,381	8.7			
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PPI **MSC Exploration** Technology **Daily Completion Report** Services | Block, Lease and Well No. Date on Location Completion Date Report Date 50 3/22/2005 E. Crested Junction - Federal MSC #26-1 Mar 22, 2005 May 11, 2005 AFE No. Auth, TD. TVD AFE Amount Company Representative MD Footage 5268' 5268' \$118,276 Jim Lander 254-241-5317 Present Operation Rig Phone Toolpusher Nat Guerrero NPDES Last BOP Test Date BLM Visit RIG ELEVATIONS Wind: ✓ Yes LC50 Sample Date RKB 15 Seas Problem? Yes Contractor Next BOP Test Date Water Depth ft Sky ✓ No Pass? RKB-CHF **CASING RECORD** MΩ TVD MD Run **EMW** Leakoff? 37 37 Аіг Conductor 534 STC 9 5/8° 7° 32.3 12 Air H40 Surface 6,839 6,839 8.8 nermediate/Production L80 LTC 7" 23 P110 LTC 14 7.455 7.455 8.8 7,381 7,381 19 8224 8224 Production Liner 18 P110 FJ BIT, WEIGHT, SPEED AND HYDRAUL ICS RECORD Grade Total Tooth Bearing Gage Hrs WOB Rpm Size Serial Number Depth In Bit Remarks: Cum. ROT. Hrs Slow Pump Pressures Pump #1 Pump #2 Pump #3 Output SPM GPM Pressure No. Stroke X Liner DP 1/4 DC gps 1/2 ВНА Length Description: CAKE SLDS % LGS % OIL % SD % мвт Pf/Mf VIS GELS WL Smpl Temp F.L. Temp Mud Engineer Mud Company Desand \$9,622 DIRECTIONAL SURVEYS CLOSURE OPERATIONS SUMMARY Supply Boat Name Status HOUR Code Crew Boat Name 0600 0700 1.0 28 Crew Travel to location Time Summary 0700 0800 1.0 28 10 psi on tbg, open tbg to flare pit, air, traces of water and some gas Cum Made swab run #107 to flare pit, tag fluid level @ 1200', had some gas 1. Mob/DeMob 7.5 ahead of the fluid, fluid was red colored water w/ PH of 5 changing to a milky color, PH of 4 3. Circulate 17.5 4. Directional Work Continue swabbing (runs 108 -111) to rig tank, swabbed fluid to seat nipple 0800 0830 5. Drilling 0.5 28 wait for fluid to rise 0830 0900 Swab run # 112, Tag fluid level @ 3900' recovered 3 bbls Drive Pipe 7. Fishing 34 fluid same as previous runs, 0900 1300 Make a swab run every half hour, (8 runs) tagged fluid level @ 4300' 22 4.0 28 8. OH Logging 1300 1330 0.5 28 Make swab run #121 to flare bit, tag @ 4300', no gas, only fluid Lost Circ. 1330 1600 2.5 28 Make a swab run every half hour, (5 runs) tagged fluid level @ 4300' 10. Drill Cmt./LOT Sent samples for the lab 11. N.U./ N.D. 6 Change in orders, terminate swabbing and prepare to temporally 12. P.U./L.D. BHA 13. P.U./L.D. Pipe abandon the well & move to MSC Exploration State #16-1 22.5 1600 1700 1.0 21 Load tog w/ formation fluid, unset packer and POOH and L/D 14 jts 14. R/U; R/D 26.75 of 2 7/8" tbg 15. Rig Repair 1700 1730 0.5 28 11.5 Crew travel from location Run Casing 17. Service Rig Swabbed back a total of 71 bbls of fluid, no sign of oil in any of the 18. Sidetrack Op samples. After the samples were allowed to settle, there was red 19. Stuck Pipe

sediment on the bottom, the water was semi-clear, no indication

of oil in samples. Ph has 5, weight of clear fluid

recovered a total of 496 bbls in 7 days.

Made a total of 126 swab runs

Fuel Usage

Total Hours Rig Downtime was 8.8 ppg, Ph of the fluid at the end of the run was 4.

Bulk Material on Board

RECEIVED

20. Survey

22. Tst. BOPs

23. UR/HO

24. W.O.W. 25. Wash & Ream 26. Well Control 27. WOC 28. Other

Total

Previous Cost

21. Trips

53.5

2

273.75

487.5

10.5

\$586,324

\$5 953

PPI Technology Services Da

MSC Exploration

Daily Completion Report

		:k, Lease an					Contract F		DOL	DFS		Location	Completi			rt Date
MD E	. Crested .	Junction - F			1 No.	ļ	Leed #69 AFE Amo		51 Auth. TD.	51	3/22/	/2005 Company	Mar 22 Representa		May 1	2, 2005
5268'	5268'	PBT	'D	<u> </u>			\$118,270	6		8,224'			Jim Lander			
			t Operation				Rig Phon Rig Fax:	ne:	2	54-241-53	17	Toolpush	<u>er</u> Nat Guerrero	,		
													Codinett			
	Weather	BLM V			NPDES	Doto	Name and Address of the Owner, where the Owner, where the Owner, where the Owner, where the Owner, where the Owner, where the Owner, where the Owner, where the Owner, where the Owner, where the Owner, where the Owner, where the Owner, where the Owner, where the Owner, where the Owner, where the Owner, where the Owner, where the Owner, where the Owner, where the Owner, where the Owner, where the Owner, where the Owner, where the Owner, where the Owner, where the Owner, where the Owner, where the Owner, where the Owner, where the Owner, where the Owner, where the Owner, where the Owner, where the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the Owner, which the	on Loc.:		Last BOP	Test Date		DVP	RIG ELEV		4
Wind: Seas:		Yes Problem?	✓ No		Sample	⊔äte		erator tractor	 	Next BOP	Test Date	,	RKB Water Depti	 ት		ft
Sky:				Pass?	Yes	∐No		rvice					RKB-CHF			ft
	RECORD Casing Stri		OD	Wt.	Grade	Conn.	İte	. Run	Setting	Depth	Line	r Top	MW when		LOT	
	Jasiny Sifi	y		٠٧٧٠.		JOHN.	Jis.		MD	TVD	MD_	TVD	Run	Pres	EMW	Leakoff?
Conducto)r		16"	22.2	LP	STC		1 12	37' 534'	37' 534'			Air Air			
Surface Inermedia	ate/Produc	tion	9 5/8" 7"	32.3 26	H40 L80	LTC		12 56	6,839	6,839'			8.8			
	ate/Produc	tion	7"	23	P110	LTC		14	7,455'	7,455'	7,381	7,381'	8.8			
Productio	n Liner		5"	18	P110	FJ		19	8224'	8224'	1,381	1,381	8.7			
PIT WE	GHT OF	ED AND H	VOBALL	ICS DEC	OPD.											
BIT, WEI	Smr, SPE	Bit Type	e and	TOO REL		-			Total	<u> </u>			Avg		Grade	
No	Size	Manufac		Serial I	Number	J	Jets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
				 						<u> </u>						
Bit Re	marks:						Cum. F	ROT. Hrs	PU	Wt	so	Wt	ROT	Wt	Tor	rque
Pump						$\overline{}$	——		 		<u> </u>		 	Slow) Pump Pres	sures
No.	Stroke	X Liner	Output	SPM	GPM	Pre	essure	JV	Pb	DC A	V T DP	Speed 1/4	SPM	Pump #1	Pump #2	Pump #3
1	L		gps				_	L	L	- 20	L	1/2				
2												3/4				
BHA Length:		Descrip	otion:											-		
MUD DA	TA										-					
	WT.	VIS	PV	ΥP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	МВТ	рН	Pm	Pf/Mf
PIT																
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PIT	Chlt	orides	C:	a++	Гешр	ептр	Shaker #1	Screens #2	Desand		Aud Engine	ੂਰ।	<u>. </u>	<u> </u>	.uu compa	.
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	ONAL SU	RVEYS	D] AN	GLE	Dire	#3 ection		Desilt dinates		Daily /S	y Cost DL		CLOS	\$9,622	ost
N	MD	TVI	D	AN	GLE	Dire					<u> </u>				\$9,622	ost
OPERAT	TIONS SUI	MMARY		AN Boats:	GLE	Dire	ection Supply B	Coord	dinates		<u> </u>		Status:		\$9,622	ost
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OPERAT TII FROM 0600 0700 0830 1000 1400	ME TO 0700 0830 1000 1400 1500	HOUR 1.0 1.5 1.5 4.0 1.0	Time Code 28 21 21 14 28	Boats: Crew T Tbg 0 p TIH w/ R/D rig, Wait for	ravel to osi, csg (used sea , N/D BC r Truck t	location O psi, Co at nipple OPs and to P/U B	Supply B Crew B nontinue F e on 154 d N/U dry 8OPs and	Coord Boat Name: Boat Name: POOH w/ 1 jts of 2 7/	dinates test packe 8" tbg, La	er nd w/ han	/s		Acti 1. Mob/De 2. Cement 3. Circulati	CLOS Time Suivity	\$9,622 SURE	Cum. 7.5
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OPERAT TII FROM 0600 0700 0830 1000 1400	ME TO 0700 0830 1000 1400 1500	HOUR 1.0 1.5 1.5 4.0 1.0	Time Code 28 21 21 14 28	Boats: Crew T Tbg 0 p TIH w/ R/D rig, Wait for	ravel to osi, csg (used sea , N/D BC r Truck t	location O psi, Co at nipple OPs and to P/U B	Supply B Crew B nontinue F e on 154 d N/U dry 8OPs and	Coord Boat Name: Boat Name: POOH w/ 1 jts of 2 7/	dinates test packe 8" tbg, La	er nd w/ han	/s		Acti 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log	Time Suivity Mob e nal Work	\$9,622 SURE	Cum. 7.5 2.5 17.5
OPERAT TII FROM 0600 0700 0830 1000 1400	ME TO 0700 0830 1000 1400 1500	HOUR 1.0 1.5 1.5 4.0 1.0	Time Code 28 21 21 14 28	Boats: Crew T Tbg 0 p TIH w/ R/D rig, Wait for	ravel to osi, csg (used sea , N/D BC r Truck t	location O psi, Co at nipple OPs and to P/U B	Supply B Crew B nontinue F e on 154 d N/U dry 8OPs and	Coord Boat Name: Boat Name: POOH w/ 1 jts of 2 7/	dinates test packe 8" tbg, La	er nd w/ han	/s		Activs: Activs: 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing	Time Suivity Mob e nal Work ipe	\$9,622 SURE	Cum. 7.5 2.5 17.5
OPERAT TII FROM 0600 0700 0830 1000 1400	ME TO 0700 0830 1000 1400 1500	HOUR 1.0 1.5 1.5 4.0 1.0	Time Code 28 21 21 14 28	Boats: Crew T Tbg 0 p TIH w/ R/D rig, Wait for	ravel to osi, csg (used sea , N/D BC r Truck t	location O psi, Co at nipple OPs and to P/U B	Supply B Crew B nontinue F e on 154 d N/U dry 8OPs and	Coord Boat Name: Boat Name: POOH w/ 1 jts of 2 7/	dinates test packe 8" tbg, La	er nd w/ han	/s		Acti 1. Mob/De 2. Cement 3. Circulat 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ N	Time Suivity Mob leenal Work lipe ging c. mt./LOT	\$9,622 SURE	Cum. 7.5 2.5 17.5 34 22
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OPERAT TII FROM 0600 0700 0830 1000 1400	ME TO 0700 0830 1000 1400 1500	HOUR 1.0 1.5 1.5 4.0 1.0	Time Code 28 21 21 14 28	Boats: Crew T Tbg 0 p TIH w/ R/D rig, Wait for	ravel to osi, csg (used sea , N/D BC r Truck t	location O psi, Co at nipple OPs and to P/U B	Supply B Crew B n ontinue F e on 154 d N/U dry 8OPs and	Coord Boat Name: Boat Name: POOH w/ t jts of 2 7/	dinates test packe 8" tbg, La	er nd w/ han	/s		Acti 1. Mob/De 2. Cement 3. Circulat 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Service	Time Suivity Mob leenal Work lipe ging c. mt./LOT N.D. D. BHA D. Pipe t/D epair asing e Rig	\$9,622 SURE Jimmary Daily	Cum. 7.5 2.5 17.5 34 22 6 1 22.5 11 26.75
OPERAT TII FROM 0600 0700 0830 1000 1400	ME TO 0700 0830 1000 1400 1500	HOUR 1.0 1.5 1.5 4.0 1.0	Time Code 28 21 21 14 28	Boats: Crew T Tbg 0 p TIH w/ R/D rig, Wait for	ravel to osi, csg (used sea , N/D BC r Truck t	location O psi, Co at nipple OPs and to P/U B	Supply B Crew B n ontinue F e on 154 d N/U dry 8OPs and	Coord Boat Name: Boat Name: POOH w/ t jts of 2 7/	dinates test packe 8" tbg, La	er nd w/ han	/s		Acti 1. Mob/De 2. Cement 3. Circulat 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Servic 18. Sidetra	Time Suivity Mob ie nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe t/D epair asing e Rig ack Op.	\$9,622 SURE Jimmary Daily	Cum. 7.5 2.5 17.5 34 22 6 1 22.5 11 26.75
OPERAT TII FROM 0600 0700 0830 1000 1400	ME TO 0700 0830 1000 1400 1500	HOUR 1.0 1.5 1.5 4.0 1.0	Time Code 28 21 21 14 28	Boats: Crew T Tbg 0 p TIH w/ R/D rig, Wait for	ravel to osi, csg (used sea , N/D BC r Truck t	location O psi, Co at nipple OPs and to P/U B	Supply B Crew B n ontinue F e on 154 d N/U dry 8OPs and	Coord Boat Name: Boat Name: POOH w/ t jts of 2 7/	dinates test packe 8" tbg, La	er nd w/ han	/s		Acti 1. Mob/De 2. Cement 3. Circulat 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Service	Time Suivity Mob leenal Work lipe ging c. mt./LOT N.D. D. BHA D. Pipe t/D epair asing e Rig ack Op. Pipe	\$9,622 SURE Jimmary Daily	Cum. 7.5 2.5 17.5 34 22 6 1 22.5 11 26.75
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RECEIVED

PPI Technology

MSC Exploration Tals R 19E 5-26 aily Completion Report 42-019-31407

Serv	ices	U	any Comp	ello	II Ke	port	43-019-31	407
Blog	k. Lease and Well N	io.	Contract Rig	DOL	DFS	Date on Location	Completion Date	Report Date
E. Crested	Junction - Federal M	ISC #26-1	Leed #692	56	56	3/22/2005	Mar 22, 2005	May 17, 2005
MD TVD	<u>Footage</u>	AFE No.	AFE Amount	Auth. TD.	***	Compan	y Representative	
5268' 5268'	PBTD		\$118,276		8,224		Jim Lander	
	Present Operati	<u>on</u>	Rig Phone:	2	54-241-53	17 Toolpust	ner ier	
	Raising Derric	k	Rig Fax:				Nat Guerrero	
								· · · · · · · · · · · · · · · · · · ·
Current Weather	BLM Visit	NPDES	People on Loc.:		Last BOP	Test Date	RIG ELEV	'ATIONS

I		, vaisii	ng Denici	•			Ng rax.					<u> </u>	Nat Guerren	.		
	Weather	BLM.	Visit		NPDES		People	on Loc.:		Last BOP	Test Date			RIG ELE\	/ATIONS	
Wind:		∠ Yes	✓ No	LC50	Sample	<u>Date</u>	Operator						RKB		15	ft
Seas:		Problem?	✓ Yes	D	1.15			ractor		Next BOP	Test Date		Water Dept	h		ft
Sky:	RECORD		√ No	Pass?	✓ Yes	∐ No	Sei	vice		<u> </u>			RKB-CHF			ft
	Casing Str		OD	Wt.	Grade	Conn.	.lts	Run	Setting	Depth	Line	Ton	MW when		LOT	
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	ate/Produc		7" 7"	26	L80	LTC		56	6,839'	6,839	<u> </u>		8.8			
Productio	ate/Produc	Ction	5"	23 18	P110 P110	LTC FJ		14 19	7,455' 8224'	7,455' 8224'	7,381	7,381	8.8 8.7			
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No	Size	Manula	Clurer	Senai	Number	J	ets	Depth in	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
<u> </u>		 									 					
Bit Re	marks:	1					Cum. R	OT. Hrs	PU	Wt	so	Wt	ROT	Wt	Tor	que
Pump No.	Chroke	e X Liner	Output	SPM	GPM	Dro	ssure	J۷	Pb	۱ .	\V	Speed	SPM		Pump Pres Pump #2	
110.	SHOKE	B V FILLEL	gps	51 W	GI M	710	33016	3	'	DC	DP	1/4	J J IVI	rump#1	runp#2	[Fullip #3]
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PIT							#1	#2	Desand	Cent.				·		
							#3	#4	Desilt	Mud CI	Daily	Cost	Г	Cı	ımulative C	ost
								77	Deant	Widd Ci	1 2011	0001			\$9,622	
DIRECTI	ONAL SU															
N	1D	TV	D	AN	GLE	Dire	ection	Coore	dinates		/S	DL		CLOS	SURE	
		 				<u> </u>	:				ļ					
OPERAT	IONS SU	MMARY	· · · · · · · · · · · · · · · · · · ·	<u> </u>				L	<u> </u>	L	.t	L	<u> </u>			
	ME		Time	Boats:			Supply B	oat Name:	·····				Status:			
FROM	TO	HOUR	Code				Crew B	oat Name:				•	Status:			
0600	1000	4.0			te MSC #									Time Su	immary	
1000	1100	1.0	28	Move ri	g from S	tate MS	SC #16-1	to Feder	al MSC #2	26-1	=		Acti	vity	Daily	Cum.
1100	1300	2.0	28	Spot m	atting bo	ard, sp	ot rig, (ur	nable to R	Raise derri	ck becaus	se of the		1. Mob/De	Mob		7.5
					winds)								Cement			2.5
1300	1400	1.0	28	N/D pro	duction	tree, N/	U adapte	er flange,					3. Circulate			17.5
1400	1630	2.5	28					State MS	C Solaris	#1-32 &			4. Directio	nal Work	<u> </u>	
		 	ļ		n Feder								5. Drilling		ļ	
		ļ					old for fr	ac tanks				6. Drive Pi	ре			
1630	1700	0.5	28	Crew T	ravel fro	m locat	ation						7. Fishing		 	34
ļ	ļ	 	<u> </u>	ļ									8. OH Log			22
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			 	ļ									10. Drill Co		<u> </u>	
	-	1	 										11. N.U./ N		ļ	6
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-	 	+		<u> </u>				-					15. Rig Re		-	26.75
<u> </u>	 	 	-	<u> </u>		2.22	- 1. S. La						16. Run C		1	11.5
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	 	 	1					-					25. Wash		 	
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		 	1	-									28. Other		7	283.25
	 		1	 									Total		7	504
		 											iotai			304
Total	Hours	11.0	ļ ·	L				• •			•				·····	
	Hours	11.0	Fuel U	sage		Bulk Ma	aterial on	Board				Previous	Cost	\$59	7,838	
Rig Do Daily		Daily	I		Gals	Cemen		Board		sx		Daily Co	st	\$5,	,557	
Rig Do			I	sage	Gals Gals			Board		sx		Daily Co: Cum, Co	st et	\$5,		
Rig Do Daily		Daily	I			Cemen		Board		sx	ECE	Daily Co: Cum, Co	st et	\$5,	,557	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

DIV. OF OIL, GAS & MINING

		ENTITY ACTION	FORM						
city H	Exploration no Imperial						3595 81-931-8935		
	EXAS	zip 77060					County		
API Number	Well	iame	QQ	Sec	Twp	Rng 19E			
3-019-31467 Action Code	Current Entity Number	New Entity Number	NWSE S	있는 pud Dat	212	Ent	ity Assignment iffective Date		
	99999	14185	Nov	1. 10	2004	le	129/05		
comments: W	INGT				CI	ONFÍ	DENTIAL		
leli 2 APi Number	Weil	Name	QQ	Sec	Twp	Rng	County		
Action Code	Current Entity Number	New Entity Number	s	ipud Da	ite	Entity Assignment Effective Date			
Comments:									
Mell 3	304-11	Mana	QQ	Sec	Twp	Rng	County		
API Number	AAeii	Name	1-3-						
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date			
Comments:									
B - Add new well C - Re-assign w	w entity for new well (single I to existing entity (group o ell from one existing entity ell from one existing entity in in 'comments' section)	to another existing entit	Na Y Si	ume (Plea gnature Qd:m	so Printip	FAI Ja	105 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 - 103 -		

(5/2000)

NOTICE

Utah Oil and Gas Conservation General Rule R649-3-21 states that.

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.
- ➤ Within 30 days after the completion or plugging of a well, the following shall be filed:
 - Form 8, Well Completion or Recompletion Report and Log
 - · A copy of electric and radioactivity logs, if run
 - · A copy of drillstem test reports,
 - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
 - · A copy of core analyses, and lithologic logs or sample descriptions if compiled
 - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

As of the mailing of this notice, the	division has not received the required re	ports for
Operator: MSC EXPLORATION LP	Today's Date:	08/02/2005
Well:	API Number: Dr	rilling Commenced:
SEE ATTACHED LIST:		
No monthly drilling reports since 12/2004		

To avoid compliance action, required reports should be mailed within 7 business days to:

Utah Division of Oil, Gas and Mining

1594 West North Temple, Suite 1210

P.O. Box 145801

Salt Lake City, Utah 84114-5801

If you have questions or concerns regarding this matter, please call (801) 538-5284.

cc: Well File Compliance File

Operator	Location Twp-Rng-Sec			Well Name		API Number	Spud Date - Dry	Spud Date - Rotar	Lease y Type
MSC EXPLORATION, LP	2108	200E	16	STATE MSC 16-1		4301931401	05/14/04	05/17/04	State
MSC EXPLORATION, LP	2108	190E	35	STATE MSC 35-1		4301931404	07/27/04		State
MSC EXPLORATION, LP	2105	180E	02	CACTUS ROSE MSC 2-1		4301931402	09/09/04		State
MSC EXPLORATION, LP	2108	200E	02	N THOMPSON 2-1		4301931412	10/29/04		State
MSC EXPLORATION, LP	2108	190E	26	FEDERAL MSC 26-1		4301931407	11/08/04	11/12/04	Federal
NO WELL COMPLET	CION (OR RI	COM	PLETION REPORT AND	D LOG	RECEIVED	FOR THE	FEDERAL 1	MSC 66-1

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,

Debbie Olson

Tals A19E 5-a6 43-019-31409

From: Williams, Galan [gwilliams@PPITech.net]

Sent: Thursday, May 19, 2005 1:03 PM

To: Debbie Olson

Subject: RE: Utah Reports

No, we were on 16-1....

G

-----Original Message-----

From: Debbie Olson [mailto:dolson@mscexploration.com]

Sent: Wednesday, May 18, 2005 11:37 AM

To: Williams, Galan

Subject: RE: Utah Reports

Galan.

Were there any reports for the 26-1 from May 13th thru 16th?

Debbie

----Original Message-----

From: Williams, Galan [mailto:gwilliams@PPITech.net]

Sent: Tuesday, May 17, 2005 9:34 AM

To: Ifaust@mscexploration.com; charlie@msctrading.com; mike@msctrading.com;

mscornish@aol.com; dolson@mscexploration.com

Cc: Byrne, Jane; Coufal, Cindy; Byth, Kurt

Subject: Utah Reports Importance: High

J. Galan Williams, P. E.

Vice President and General Manager of Managed Risk

PPI Technology Services, L. P.

800 Gessner, Suite 900 Houston, TX 77024 Ph: 713-464-2200

Fax: 866-591-4997 mailto:gwilliams@ppitech.net

Check us out at www.ppitech.net

<<CMR 5-17-05 State MSC #16-1.pdf>> <<CDC 5-17-05 State MSC #16-1.pdf>> <<CMR 5-17-05 Federal MSC #26-1.pdf>> <<CDC 5-17-05 Federal MSC #26-1.pdf>>

6/13/2005



Total Hours

Rig Downtime

Fuel Usage

Gals Gals

MSC Exploration Daily Completion Report

T219 R19E 5-26 42-019-31409

\$617,545 \$10,282 \$627,827

Previous Cost Daily Cost Cum. Cost

sx sx

	Servi	ices		July Collip	, i C ti C	1170	port	7.3-019-	31909	
	Bloc	k, Lease and Well N	0.	Contract Rig DOL DFS Date on Location				Completion Date Report Date		
E. Crested Junction - Federal MSC #26-1		SC #26-1	Leed #692	58	58	3/22/2005	Mar 22, 2005	May 19, 2005		
MD	TVD	<u>Footage</u>	AFE No.	AFE Amount	Auth. TD.		Compan	y Representative		
5268'	5268'	PBTD				8,224'		Jim Lander		
Present Operation				Rig Phone:	25	4-241-53	17 Toolpusi	ner		
		WO Mechanic		Rig Fax:				Nat Guerrero		

<u>MD</u> 5268'	<u>TVD</u> 5268'	Footage AFE No. PBTD				4	AFE Amo	<u>unt</u>	Auth. TD.	8,224'		Company	Representa Jim Lander						
	Present Operation WO Mechanic				Rig Phone: 254-241-5317 <u>Too</u>						Toolpusher								
		WO	Mechanic	:			Rig Fax:	· · · · · · · · · · · · · · · · · · ·		<u></u>			Nat Guerrer	0					
urrent	Weather	BLM \	/isit		NPDES		People	on Loc.:	r	Last BOP	Test Date		<u> </u>	RIG ELEV	/ATIONS				
Vind:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	✓ Yes	√ No	LC50	Sample	Date		rator					RKB			ft			
Seas:		Problem? Yes			Cont	ractor		Next BOP	Test Date		Water Dept	h		ft					
Sky:		L	✓ No	Pass?	✓ Yes	☐ No	Sei	vice	<u> </u>				RKB-CHF			ft			
	RECORD Casing Str		OD	Wt.	Grade	Conn.	.lts	Run	Setting	Depth	Line	Top	MW when		LOT				
	Ousnig Ou	9		****	Ciaco	00	0.0.		MD	TVD	MD	TVD	Run	Pres	EMW	Leakof			
onducto	or		16"		LP			1	37'	37'			Air						
urface			9 5/8"	32.3	H40	STC		12	534'	534'			Air						
	ate/Produc		7" 7"	26 23	L80 P110	LTC		56 14	6,839' 7,455'	6,839' 7,455'	 		8.8 8.8						
	on Liner	CHOIT	5"	18	P110	FJ		19	8224'	8224'	7,381'	7,381'	8.7						
•							·			Ţ									
IT WE	CUT COL	ED AND H	VDBALII	ICS DEC	OPD				L	l			1	<u> </u>					
BIT	10/11, 3/1	Bit Typ		I CO KE	30110			1	Total	T	I		Avg	<u> </u>	Grade				
No	Size	Manufa		Serial I	Number	J	lets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage			
Bit Re	I marks:			L			Cum. F	L ROT. Hrs	PL	J Wt	so	Wt	RO	ΓWt	Tor	que			
<u> </u>	Migrag.																		
ump	<u></u>		0	8014	CBM	n	000170		DI-		V	Speed	SPM		Pump Pres Pump #2				
No.	Stroke	X Liner	Output	SPM	GPM	l Pre	ssure]V	Pb	DC	DP	Speed 1/4	J-M	1 - amp #1	Fullip #2	rump#			
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	1		L		<u> </u>	i	#3	#4	Desilt	Mud Cl	Daily	Cost		l c	umulative C	ost			
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IRECT	IONAL SU												,						
1	MD	TV	D	AN	GLE	Dir	ection	Coor	dinates	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	/S	DL	ļ	CLOS	SURE	American Control			
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PERA	TIONS SU	MMARY		·							<u>' </u>	.							
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FROM		HOUR	Code	2 - 7		l 4° -		oat Name:	:				Status:	Time C					
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			 										Total		9.5	528			

Bulk Material on Board Cement: Barite:



MSC Exploration Y 215 R19E 5-26

	Serv	ices	D	aily Comp	letio	n Re	port	:	43-019-	3140	9 46
	Blo	ck, Lease and Well N	<u>lo.</u>	Contract Rig	<u>DOL</u>	DFS	Date on I	ocation	Completion Date	Repo	t Date
E	. Crested	Junction - Federal M	ISC #26-1	Leed #692	59	59	3/22/2	2005	Mar 22, 2005	May 2	0, 2005
MD	TVD	Footage	AFE No.	AFE Amount	Auth. TD,			Company	Representative		
5268'	5268'	PBTD	i i			8,224'			Jim Lander		
		Present Operati	<u>on</u>	Rig Phone:	2	54-241-53	17	Toolpush	<u>er</u>		
		Prep to release	rig	Rig Fax:					Nat Guerrero		
Current	Weather	BLM Visit	NPDES	People on Loc.:		Last BOP	Test Date		RIG ELE	VATIONS	
Wind:		✓ Yes ✓ No	LC50 Sample D	ate Operator					RKB	15	ft
Seas:		Problem? / Yes		Contractor		Next BOP	Test Date		Water Depth		ft

		Junction - F				ļ	Leed #69		59	59	3/22/	/2005	Mar 22		May 20	0, 2005
<u>MD</u> 5268'	<u>TVD</u> 5268'	Foota PB1		AFE	No.		AFE Amo	<u>unt</u>	Auth. TD.	8,224'		Company	v Representa Jim Lander	<u>itive</u>		
5200	3200		t Operati	on_		1	Rig Phon	e:	2	54-241-53	17	Toolpush				
		Prep to	release	rig			Rig Fax:						Nat Guerrer)		
Current	Weather	BLM	/icit	1	NPDES		Poorle	on Loc.:		Last BOD	Test Date			RIG ELEV	ATIONS	
Wind:	vveamer	✓ Yes	√ No	LC50	Sample	Date		erator		Last BUP	Test Date		RKB	KIG ELEV	· i · · · · · · · · · · · · · · · · · ·	ft
Seas:		Problem?	✓ Yes					ractor		Next BOP	Test Date	,	Water Depti	h		ft
Sky:			✓ No	Pass?	✓ Yes	□No	Sei	rvice					RKB-CHF			ft
	RECORD		- 25	1		1 0		_		5. //			T 1 11 1			
(Casing Str	ing	OD	Wt.	Grade	Conn.	JIS.	Run	MD	Depth TVD	MD	rTop TVD	MW when Run	Pres	LOT EMW	Leakoff
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urface			9 5/8"	32.3	H40	STC		12	534'	534'			Air			
	ate/Produc		7" 7"	26 23	L80 P110	LTC	<u> </u>	56 14	6,839' 7,455'	6,839' 7,455'			8.8 8.8			<u></u>
roductio		20011	5"	18	P110	FJ	·	19	8224'	8224'	7,381'	7,381'	8.7			
IT. WEI	GHT. SPE	ED AND H	YDRAUI	ICS REC	ORD	l	<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u></u>		.		<u> </u>
BIT	1	Bit Typ							Total	l			Avg	, 	Grade	
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IRECTI	ONAL SU	RVEYS					L	1		<u></u>			<u>i</u>		\$9,622	
	/ID	T∨	D	AN	GLE	Dir	ection	Coord	dinates	V	S	DL		CLOS	URE	
PERAT	IONS SU	MMARY		<u> </u>					<u> </u>	<u> </u>	<u> </u>		<u> </u>			
	ME	1	Time	Boats:			Supply B	oat Name:					Status:			
FROM	TO	HOUR	Code				Crew B	oat Name:				- 	Status:			
0600	0730	1.5								-				Time Su		_
0730	0800	0.5	28		ravel to								-	ivity	Daily	Cum
0800 1030	1030 1200	2.5	28				tart Ajax					 	1. Mob/De			7.5
1000	1200	1.5	28				jine, start r adjustm		g, checke	a bambini	y unit for		CementCirculate	_		2.5 17.5
1200	1600	4.0	28				water to						4. Direction			1,.3
	1		<u>-</u> -					ach the s	urface				5. Drilling			
				 -				ater into					6. Drive Pi	pe		
		L							L/ hr or 72	bbls/day			7. Fishing			34
									nce aroun				8. OH Log	ging		22
1600	1630	0.5	28	Crew T	ravel fro	m local	tion						9. Lost Cir	с.		
	ļ			ļ									10. Drill Cı	····		
	 	ļ	ļ	 									11. N.U./ N		ļ	6
	<u> </u>	 		<u> </u>									12. P.U./L.			1 22.5
	 			Diam :		-la: 4							13. P.U./L.			22.5
	ļ	 	 	rian to	release	rig tom	orrow If p	umping u	init is work	ung prope	riy		14. R/U; R 15. Rig Re		 	12.5 26.75
		-	 	 	*			<u>.</u>					15. Rig Re		 	11.5
	 	<u> </u>		All rent	al equip	ment w	ill he retu	rned tomo	orrow, exc	ent for the	•	_	17. Service		 	11.3
	<u> </u>			frac tan		W	56 1610		UTT, GAL	Spenor ult	<u></u>		18. Sidetra		 	
	†			1140 (81)									19. Stuck		 	
			T										20. Survey			
		<u> </u>		Plan to	ro attac	h 4h- i-										61.5
	1	1		p 1011 to	16-allac	n uie ir	sulation a	and the tir	n covering	to the up	right		21. Trips		<u> </u>	01.0
							_		n covering #1-32 loca		right		21. Thps 22. Tst. B0	OPs		2
				500 bb	storage	tank o	n the MS	C Solaris		ation,	right)		

1200	1600	4.0	28	Pumping unit pr	umping water to frac	tank		4. Directional Work		
				It took about 1 I	or for water to reach	the surface		5. Drilling		
				At 13:00 hrs, st	arted pumping wate	r into frac tank		6. Drive Pipe		
				Estmate pumpir	ng water at a rate of	3 BBL/ hr or 72 bbls/day		7. Fishing		34
				Released mech	anic, installed porta	ble fence around pumping unit		8. OH Logging		22
1600	1630	0.5	28	Crew Travel fro	m location			9. Lost Circ.		
								10. Drill Cmt./LOT		
								11. N.U./ N.D.		6
								12. P.U./L.D. BHA		1
								13. P.U./L.D. Pipe		22.5
				Plan to release	rig tomorrow if pum	ping unit is working properly		14. R/U; R/D		12.5
								15. Rig Repair		26.75
								16. Run Casing		11.5
				All rental equipr	ment will be returned	d tomorrow, except for the		17. Service Rig		
				frac tanks				18. Sidetrack Op.		
								19. Stuck Pipe		
								20. Survey		
				Plan to re-attac	h the insulation and	the tin covering to the upright		21. Trips		61.5
				500 bbl storage	tank on the MSC S	olaris#1-32 location,		22. Tst. BOPs		2
				the wind was to	rn some of it loose,	prior to releasing the rig.		23. UR/HO		
								24. W.O.W.		
								25. Wash & Ream		
								26. Well Control		
								27. WOC		
								28. Other	9	309.75
								Total	9	537
	Hours	10.5			1 =					
	wntime	D-11.	Fuel L		Bulk Material on Boa		Previous		7,827	
Daily Cum.	 	Daily Cum.		Gals 331 Gals	Cement: Barite:	SX SX	Daily Cos Cum. Co		715 3,542	
Ouni.		Cum.		U. GAR			roun. oo	- 4000	-,	



MSC Exploration Tals R/95 5-36 Daily Completion Report 43-019-31407

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Bloc	k, Lease and Well N	io.	Contract Rig	DOL	DFS	Date on Location	Completion Date	Report Date
. Crested	Junction - Federal M	ISC #26-1	Leed #692	60	60	3/22/2005	Mar 22, 2005	May 21, 2005
TVD	Footage	AFE No.	AFE Amount	Auth. TD.		Company	Representative	
5268'	PBTD	l			8,224'	- 1	Jim Lander	
	Present Operati	<u>on</u>	Rig Phone:	25	54-241-53	17 <u>Toolpush</u>	<u>er</u>	
Pu	imping unit pumping	to tanks	Rig Fax:				Nat Guerrero	
	Bloc Crested TVD 5268'	TVD Footage 5268' PBTD Present Operation	Block, Lease and Well No.	Block, Lease and Well No. Contract Rig	Block, Lease and Well No. Contract Rig DOL	Block, Lease and Well No. Contract Rig DOL DFS	Block, Lease and Well No. Contract Rig DOL DFS Date on Location . Crested Junction - Federal MSC #26-1 Leed #692 60 60 3/22/2005 IVD Footage AFE No. AFE Amount Auth. TD. Company 5268' PBTD Rig Phone: 254-241-5317 Toolpush.	Block, Lease and Well No. Contract Riq DOL DFS Date on Location Completion Date . Crested Junction - Federal MSC #26-1 Leed #692 60 60 3/22/2005 Mar 22, 2005 TVD Footage AFE No. AFE Amount Auth. TD. Company Representative 5268' PBTD Rig Phone: 254-241-5317 Toolpusher

	Pu	ımping unit	pumping	to tanks			Rig Fax:						Nat Guerrero)		
Current \	Weather	BLM \	/isit		NPDES		People	on Loc.:	1	Last BOP	Test Date		Γ	RIG ELEV	/ATIONS	
Wind:		✓ Yes	∠ No	LC50	Sample	Date	Оре	erator					RKB		15	ft
Seas:		Problem?	✓ Yes			1 1 1 1		ractor		Next BOP	Test Date		Water Dept	n		ft
Sky:	RECORD		☑ No	Pass?	✓ Yes	∐ No	Ser	vice	<u> </u>	<u> </u>			RKB-CHF			ft
	Casing Stri	ng	OD	Wt.	Grade	Conn.	Jts.	Run	Setting MD	Depth TVD	Line: MD	Top TVD	MW when Run	Pres	LOT EMW	Leakoff?
Conducto	r		16"	20.0	LP	STC		1	37'	37' 534'			Air			
Surface Inermedia	ite/Produc	tion	9 5/8" 7"	32.3 26	H40 L80	LTC		56	534' 6,839'	6,839'	<u> </u>	<u> </u>	Air 8.8			
	te/Produc		7"	23	P110	LTC		14	7,455'	7,455'			8.8			
Productio	n Liner		5"	18	P110	FJ	1	19	8224'	8224'	7,381'	7,381'	8.7			
									<u> </u>	 			 			
BIT, WEI	GHT, SPE	ED AND H	YDRAUL	ICS REC	ORD		<i></i>				·	•				
BIT	0'	Bit Type Manufa		0-1-11	Ni		1_4_	D45 l-	Total Footage	U-a	wob	D	Avg ROP	Tooth	Grade Bearing	Gage
No	Size	Mariula	clurer	Senair	Number		Jets	Depth In	rootage	Hrs	WOB	Rpm	I KOP	10001	Dearing	Gage
Bit Rer	marks:						Cum. F	ROT. Hrs	PU	Wt	so	Wt	ROT	Wt	To	rque
Pump							1	T		1				Slow	Pump Pres	ssures
No.	Stroke	X Liner	Output	SPM	GPM	Pre	essure	JV	Pb		V	Speed	SPM	Pump #1	Pump #2	Pump #3
1			gps						<u> </u>	DC	DP	1/4				
2			<u> </u>									3/4				
ВНА																
Length:		Descri	otion:													
MUD DA	TA															
	WT.	VIS	PV	ΥP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	мвт	pН	Pm	Pf/Mf
PIT						ļ	ļ <u> </u>	ļ <u> </u>			-	ļ	ļ			ļ·
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PIT	Chlo	orides	Ca)++	Temp	Temp	Shaker #1	Screens #2	Desand		lud Engine	er	<u> </u>) <i>N</i>	lud Compa	ny
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	I				<u> </u>	•	#3	#4	Desilt	Mud Cl	Daily	Cost	l	Cu	ımulative C	Cost
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			D	AN	GLE	Dir	ection	Coor	dinates		/s			CLOS		
M	ID .	TV	D	AN	GLE	Dir	ection	Coor	dinates		/S			CLOS		
OPERAT	IONS SUI	TV	Time	ANd Boats:	GLE	Dir	Supply B	oat Name:			/s		Status:	CLOS		
OPERAT TII FROM	IONS SUI ME TO	TV MMARY HOUR	Time Code	Boats:			Supply B Crew B				/8		Status: Status:		SURE	
OPERAT TII FROM 0600	IONS SUI ME TO 0700	MMARY HOUR 1.0	Time Code 28	Boats:	avel to lo	ocation	Supply B Crew B	oat Name oat Name			/s		Status:	Time Su	ummary	Cum
OPERAT TII FROM 0600 0700	IONS SUI ME TO 0700 0900	HOUR 1.0 2.0	Time Code 28 28	Boats: Crew tr	avel to k	ocation	Supply B Crew B	oat Name oat Name			/s		Status: Act	Time Su	SURE	Cum.
OPERAT TII FROM 0600	IONS SUI ME TO 0700	MMARY HOUR 1.0	Time Code 28	Boats: Crew tr Fix tank R/D rig	avel to lo	ocation ng on M	Supply B Crew B ISC Solar	oat Name oat Name ris #1-32					Status:	Time Suivity	ummary	7.5
OPERAT TII FROM 0600 0700	IONS SUI ME TO 0700 0900	HOUR 1.0 2.0	Time Code 28 28	Boats: Crew tri Fix tank R/D rig Stop pu	avel to k k coverin	ocation ng on M unit @ 9	Supply B Crew B ISC Solar 9;00 am,	oat Name oat Name ris #1-32	mping uni				Status: Act 1. Mob/De	Time Suivity Mob	ummary	
OPERAT TII FROM 0600 0700	IONS SUI ME TO 0700 0900	HOUR 1.0 2.0	Time Code 28 28	Boats: Crew tr. Fix tank R/D rig Stop pu Pumpin	avel to k k coverin	ocation ng on M unit @ 9 umped	Supply B Crew B ISC Solar 9;00 am, a a total of	oat Name oat Name ris #1-32	mping uni				Status: Act 1. Mob/De 2. Cement	Time Su ivity Mob	ummary	7.5 2.5
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OPERAT TIII FROM 0600 0700 0900	TO SUI TO 0700 0900 1100	HOUR 1.0 2.0 2.0	Time Code 28 28 14	Boats: Crew tr. Fix tank R/D rig Stop pu Pumpin hourly r	ravel to k k covering umping unit pung unit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit punit puni	ocation ig on M unit @ 9 umped .4 bbis/	Supply B Crew B ISC Solar 9;00 am, a a total of	oat Name oat Name ris #1-32	mping uni				Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P	Time Su ivity Mob e e nal Work	ummary	7.5 2.5 17.5
OPERAT TII FROM 0600 0700 0900	TO 0700 0900 1100 1200	HOUR 1.0 2.0 2.0	Time Code 28 28 14	Boats: Crew tr. Fix tank R/D rig Stop pu Pumpin hourly r Clean k	ravel to k k covering umping unit purate of 2. ocation ravel from	ocation ng on M unit @ 9 umped .4 bbis/	Supply B Crew B ISC Solar 9;00 arm, a total of hr	oat Name oat Name ris #1-32 restart pu 48 bbls ii	mping uni				Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing	Time Su ivity Mob e e nal Work	ummary	7.5 2.5 17.5
OPERAT TII FROM 0600 0700 0900	TO 0700 0900 1100 1200	HOUR 1.0 2.0 2.0	Time Code 28 28 14	Boats: Crew tr. Fix tank R/D rig Stop pu Pumpin hourly r Clean k	ravel to k k covering umping unit purate of 2. ocation ravel from	ocation ng on M unit @ 9 umped .4 bbis/	Supply B Crew B ISC Solar 9;00 am, a a total of	oat Name oat Name ris #1-32 restart pu 48 bbls ii	mping uni				Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log	Time Su ivity Mob e e nal Work ipe	ummary	7.5 2.5 17.5
OPERAT TII FROM 0600 0700 0900	TO 0700 0900 1100 1200	HOUR 1.0 2.0 2.0	Time Code 28 28 14	Boats: Crew tr. Fix tank R/D rig Stop pu Pumpin hourly r Clean k	ravel to k k covering umping unit purate of 2. ocation ravel from	ocation ng on M unit @ 9 umped .4 bbis/	Supply B Crew B ISC Solar 9;00 arm, a total of hr	oat Name oat Name ris #1-32 restart pu 48 bbls ii	mping uni				Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir	Time Su ivity Mob e nal Work ipe ging	ummary	7.5 2.5 17.5
OPERAT TII FROM 0600 0700 0900	TO 0700 0900 1100 1200	HOUR 1.0 2.0 2.0	Time Code 28 28 14	Boats: Crew tr. Fix tank R/D rig Stop pu Pumpin hourly r Clean k	ravel to k k covering umping unit purate of 2. ocation ravel from	ocation ng on M unit @ 9 umped .4 bbis/	Supply B Crew B ISC Solar 9;00 arm, a total of hr	oat Name oat Name ris #1-32 restart pu 48 bbls ii	mping uni				Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log	Time Suivity Mob e nal Work ipe ging c.	ummary	7.5 2.5 17.5
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location in location in location in location in location in location in location in location in location in location in location in location in location in location in location in location in location in location in l	Supply B Crew B ISC Solar a total of hr ion noon tod ge the tan ston. iill be rele ks. me trucks lext week either tor from PPI	oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat Name oat 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Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/H 24. W.O.V 25. Wash 26. Well C 27. WOC 28. Other Total	Time St. ivity Mob tenal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe VD pair asing e Rig ack Op. Pipe y OPs OV. & Ream control	Jammary Daily 2	7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5



MSC Exploration Tals RIGE 5-26

m	Tech) Servi	notogy ices	7		D	aily	y Co	mp	etio	n Re	por	t	43-0	119- 3	3140	7 46
-	Bloc	k, Lease a Junction - I			1		Contract I		DOL 66	DFS 66		Location /2005	Complet Mar 22	ion Date	Repo	ort Date 27, 2005
MD	TVD	Foot			<u> No.</u>		AFE Amo		Auth. TD.		3/22		v Representa	tive	I WIBY 2	7, 2003
5268'	5268'	PB	TD nt Operati	on			Rig Phon			8,224' 54-241-53	17	Toolpust	Jim Lander			
			pumping				Rig Fax:		-	04-241-00		TOOIDUS	Nat Guerrer	0		
Current	Weather	BLM	Visit		NPDES		People	on Loc.:	<u> </u>	Last BOP	Test Date		Т	RIG ELE	VATIONS	
Wind:	TT COLITICA	Yes	∐ No	LC50	Sample	<u>Date</u>	Оре	erator					RKB		15	ft
Seas:		Problem?		Pass?	Yes	No		ractor		Next BOP	Test Date		Water Dept RKB-CHF	h		ft
CASING	RECORD															
	Casing Stri	ing	OD	Wt.	Grade	Conn.	Jts.	Run	Setting MD	Depth TVD	Line MD	r Top	MW when Run	Pres	LOT	Leakoff?
Conducto	or		16"		LP			1	37'	37'			Air			
Surface Inermedia	ate/Produc	tion	9 5/8"	32.3 26	H40 L80	STC		12 56	534' 6,839'	534' 6,839'		Ì	Air 8.8			1
	ate/Produc	ction	7" 5"	23 18	P110	LTC FJ		14 19	7,455' 8224'	7,455' 8224'	7,381'	7,381'	8.8 8.7			
Production	n Liner		3	- 10	FIIU			10	0224	0224	7,501	7,301	0.7			
BIT. WEI	GHT. SPE	ED AND H	 YDRAÜL	ICS RE	CORD	<u> </u>			<u> </u>	<u> </u>		L	<u> </u>	L		<u></u>
BIT		Bit Typ	e and				1-4-	Darath In	Total	LI	WOR		Avg ROP	Tooth	Grade	T Gage
No	Size	Manufa	acturer	Serial	Number	<u> </u>	lets	Depth In	Footage	Hrs	WOB	Rpm	I ROP	Tooth	Bearing	Gage
Dit Do	marks:					L	Cum F	ROT. Hrs	Pi) Wt	SC) Wt	RO	ΓWt	То	orque
DICKE	marks.						Odin.	(01.1113								
Pump No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	٦٧	Pb		W	Speed	SPM		Pump Pre	
			gps			ļ				DC	DP	1/4				—
2			\pm		<u>L</u>			<u> </u>				1/2 3/4				
BHA		Descri	intion													
Length:		Descri	iption:													
MUD DA	TA															
WOD DA	WT.	VIS	PV	YP	GELS	WL	нтнр	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	рH	Pm	Pf/Mf
PIT																
	ļ., ——	L	<u> </u>	L	J		<u> </u>		<u> </u>	<u> </u>	<u>.i</u>	<u> </u>	<u> </u>	1		
	Chi	orides	C	3++	Smpl Temp	F.L. Temp	Shaker	Screens	Н	ours M	/lud Engin	eer			Mud Compa	anv
PIT	O I II	ondes					#1	#2	Desand							
			<u>.</u>		<u> </u>	<u> </u>	#3	#4	Desilt	Mud CI	Dail	y Cost		C	umulative (Cost
DIDECT	ONAL CU	DVEVE							1		<u> </u>				\$9,622	
	IONAL SU		/D	AN	IGLE	Dir	ection	Coor	dinates		/S	DL		CLO	SURE	
				<u> </u>						 	ļ	<u> </u>	<u> </u>			
	TIONS SU	MMARY	T #	In			Cussic	land Name	·				Status:			
FROM	ME TO	HOUR	Time Code	Boats:				loat Name loat Name				_	Status:			
0600	0600			Pumpi	ng has n	ot run s	ince Mor	nday when	n it ran ou ne pumpin	t of propa	ne. Ollie		4 ,~	Time S tivity	Summary Daily	Cum.
		-	 						. Found (1. Mob/De		Daily	7.5
				Thom	pson, U	T. Pur	ping has	shaken r	nuts and b	olts loose			2. Cemen			2.5
			ļ	balan	ce. Cec	il will w	ork on ur	nit and ge	t it back o	n line.			Circula Direction			17.5
		 	+	 									5. Drilling		1	
													6. Drive P			
	 	<u> </u>		1-									7. Fishing 8. OH Log		+	22
 			<u>t </u>	<u> </u>									9. Lost Ci	rc.		
	ļ												10. Drill C		ļ	+
 	 	 		 			<u>:</u>						11. N.U./ 12. P.U./L		+	6 1
			1										13. P.U./L	D. Pipe		22.5
ļ		-	-	1				 					14. R/U; I 15. Rig R		+	14.5 26.75
<u> </u>			+	1									16. Run (11.5
<u> </u>				1									17. Servi	ce Rig		
<u> </u>	-	 	-	 									18. Sideti 19. Stuck		+	+
	1		<u> </u>										20. Surve			
													21. Trips	OD-		61.5
 		-	 	 			- 						22. Tst. B 23. UR/H		+	2
		†											24. W.O.\	N.		
	_	-	-										25. Wash 26. Well (+
	 	+	+	I									27. WOC			
			1										28. Other			314.25
Tota	l Hours	-	+	<u> </u>									Total		1.	543.5
Rig D	owntime		Fuel	Jsage			faterial on	Board				Previou			45,959	
Daity Cum.	-	Daily Cum.	-	B31	Gals Gals	Ceme Barite				SX SX		Daily C Cum. C			1,120 47,079	



MSC Exploration Daily Completion Report

Tals RIGE 5-26 43019 31407

* * *	EDGT 41	ICC3		<i>J</i>				70017 01	Z • /
	Bloc	k, Lease and Well N	lo.	Contract Rig	DOL	DFS	Date on Location	Completion Date	Report Date
E	Crested .	Junction - Federal M	ISC #26-1	Leed #692	67	67	3/22/2005	Mar 22, 2005	May 28, 2005
MD	TVD	<u>Footage</u>	AFE No.	AFE Amount	Auth. TD.		Company	Representative	
5268'	5268'	PBTD				8,224'		Jim Lander	
		Present Operati	on	Rig Phone:	25	54-241-53°	17 <u>Toolpush</u>	<u>et</u>	
		WO pumping unit r	epair	Rig Fax:				Nat Guerrero	

	·	WO pump	ing unit r	epair			Rig Fax:						Nat Guerrer)		
Current	Weather	BLM	Visit	Ι".	NPDES		People	on Loc.:	T	Last BOP	Test Date			RIG ELEV	/ATIONS	
Wind:		✓ Yes	√ No	LC50	Sample	<u>Date</u>		rator					RKB			ft
Seas:		Problem?	✓ Yes					ractor		Next BOP	Test Date		Water Depti	1		ft
Sky:	RECORD		☑ No	Pass?	✓ Yes	No	561	vice	L	<u> </u>	 -		RKB-CHF			ft
	Casing Str		OD	Wt.	Grade	Сопп.	Jts.	Run	MD	Depth TVD	Line: MD	Top TVD	MW when Run	Pres	LOT EMW	Leakoff?
Conducto Surface	or		16" 9 5/8"	32.3	LP H40	STC		1	37' 534'	37' 534'	ļ		Air Air	 		
	ate/Produc	ction	7"	26	L80	LTC	<u> </u>	56	6,839'	6,839'			8.8			
	ate/Produc	ction	7"	23	P110	LTC		14	7,455'	7,455'		****	8.8			
Production	n Liner		5"	18	P110	FJ	1	19	8224'	8224'	7,381'	7,381'	8.7		<u> </u>	
BIT, WEI	GHT, SPE	ED AND H Bit Typ		LICS REC	ORD			1	Total	1			Avg	1	Grade	
No	Size	Manufa		Serial	Number		lets	Depth In	1	Hrs	_wob	Rpm	ROP	Tooth	Bearing	Gage
														Ĩ <u>.</u>		
Bit Re	marks:	<u>!</u>		<u> </u>			Cum. R	I ROT. Hrs	PL) Wt	so	Wt	ROT	Wt	Tor	rque
2										********				*** *** **** ****		
Pump No.	Stroke	X Liner	Output gps	SPM	GPM	Pre	essure	JV	Pb	DC	V DP	Speed 1/4	SPM		Pump Pres Pump #2	
1	<u> </u>		gps									1/2			<u> </u>	
2		· · · · · · · · · · · · · · · · · · ·						<u> </u>				3/4				
BHA Length:		Desari	ntion													
Length:		Descri	paon:					 						. —		
MUD DA		1 1/10	531	TVE	CELS	187	LUTTUR	CALC	CLDC at	100.00		65.4/	ирт		D=:	Denes
PIT	WT.	VIS	PV	YP	GELS	WL	нтнр	CAKE	SLDS %	162%	OIL %	SD %	МВТ	pН	Pm	Pf/Mf
		<u>-</u> -														
	1		1		Smpl	F.L.	,						1	r		
	Chi	orides	Ca	a++	Temp	Temp	Shaker	Screens	Ho	ours M	lud Engine	ег		"	lud Compa	ny
PIT							#1	#2	Desand	Cent.						
			l		l	<u> </u>	#3	#4	Desilt	Mud CI	Daily	Cost		Cı	ımulative C	ost
															\$9,622	
	ONAL SU															
. N	41)	I T∨	D.	AN	GLE	Dir	ection	Coor	dinates	T V	/S	DL		CLOS	URF	1
I N	1D	TV	D	AN	GLE	Dir	ection	Coor	dinates	V	/\$ 	DL		CLOS	SURE	
			D	AN	GLE	Dir	ection	Coor	dinates	V	/S	DL		CLOS	SURE	
OPERAT	IONS SU				GLE	Dir					/S	DL	Status:	CLOS	SURE	
OPERAT TII FROM	TIONS SU	MMARY HOUR		Boats:			Supply B	oat Name:					Status: Status:			
OPERAT TII FROM	IONS SU	MMARY HOUR	Time	Boats:	ustafsor	repair	Supply B Crew B ed pumpi	oat Name: oat Name: ng unit.	Radiator h	as develo	pped leaks		Status:	Time Su	ımmary	
OPERAT TII FROM	TIONS SU	MMARY HOUR	Time	Boats: Cecil G and w	ustafsor	repaire	Supply B Crew B ed pumpi er long en	oat Name: oat Name: ng unit. I ough to r	Radiator h	nas develo	pped leaks		Status: Acti	Time Su		Cum.
OPERAT TII FROM	TIONS SU	MMARY HOUR	Time	Boats: Cecil G and w	ustafsor	repaire	Supply B Crew B ed pumpi er long en	oat Name: oat Name: ng unit. I ough to r	Radiator h	nas develo	pped leaks		Status: Acti 1. Mob/De	Time Suivity	ımmary	7.5
OPERAT TII FROM	TIONS SU	MMARY HOUR	Time	Boats: Cecil G and w	ustafsor	repaire	Supply B Crew B ed pumpi er long en	oat Name: oat Name: ng unit. I ough to r	Radiator h	nas develo	pped leaks		Status: Acti	Time Suvity	ımmary	
OPERAT TII FROM	TIONS SU	MMARY HOUR	Time	Boats: Cecil G and w	ustafsor	repaire	Supply B Crew B ed pumpi er long en	oat Name: oat Name: ng unit. I ough to r	Radiator h	nas develo	pped leaks		Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction	Time Su	ımmary	7.5 2.5
OPERAT TII FROM	TIONS SU	MMARY HOUR	Time	Boats: Cecil G and w	ustafsor	repaire	Supply B Crew B ed pumpi er long en	oat Name: oat Name: ng unit. I ough to r	Radiator h	nas develo	pped leaks		Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling	Time Su ivity Mob e nal Work	ımmary	7.5 2.5
OPERAT TII FROM	TIONS SU	MMARY HOUR	Time	Boats: Cecil G and w	ustafsor	repaire	Supply B Crew B ed pumpi er long en	oat Name: oat Name: ng unit. I ough to r	Radiator h	nas develo	pped leaks		Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi	Time Su ivity Mob e nal Work	ımmary	7.5 2.5 17.5
OPERAT TII FROM	TIONS SU	MMARY HOUR	Time	Boats: Cecil G and w	ustafsor	repaire	Supply B Crew B ed pumpi er long en	oat Name: oat Name: ng unit. I ough to r	Radiator h	nas develo	pped leaks		Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing	Time Stivity Mob e nal Work	ımmary	7.5 2.5 17.5
OPERAT TII FROM	TIONS SU	MMARY HOUR	Time	Boats: Cecil G and w	ustafsor	repaire	Supply B Crew B ed pumpi er long en	oat Name: oat Name: ng unit. I ough to r	Radiator h	nas develo	pped leaks		Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi	Time St ivity Mob e nal Work pe	ımmary	7.5 2.5 17.5
OPERAT TII FROM	TIONS SU	MMARY HOUR	Time	Boats: Cecil G and w	ustafsor	repaire	Supply B Crew B ed pumpi er long en	oat Name: oat Name: ng unit. I ough to r	Radiator h	nas develo	pped leaks		Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir. 10. Drill Cr	Time St ivity Mob e nal Work pe ging c. mt./LOT	ımmary	7.5 2.5 17.5
OPERAT TII FROM	TIONS SU	MMARY HOUR	Time	Boats: Cecil G and w	ustafsor	repaire	Supply B Crew B ed pumpi er long en	oat Name: oat Name: ng unit. I ough to r	Radiator h	nas develo	pped leaks		Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir. 10. Drill Cr 11. N.U./ N	Time St ivity Mob e nal Work pe ging c. mt./LOT	ımmary	7.5 2.5 17.5 34 22
OPERAT TII FROM	TIONS SU	MMARY HOUR	Time	Boats: Cecil G and w	ustafsor	repaire	Supply B Crew B ed pumpi er long en	oat Name: oat Name: ng unit. I ough to r	Radiator h	nas develo	pped leaks		Acti 1. Mob/De 2. Cernent 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir. 10. Drill Cr 11. N.U./N 12. P.U./L	Time St ivity Mob e nal Work pe ging c. mt./LOT N.D.	ımmary	7.5 2.5 17.5 34 22 6 1
OPERAT TII FROM	TIONS SU	MMARY HOUR	Time	Boats: Cecil G and w	ustafsor	repaire	Supply B Crew B ed pumpi er long en	oat Name: oat Name: ng unit. I ough to r	Radiator h	nas develo	pped leaks		Acti 1. Mob/De 2. Cernent 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Cr 11. N.U./N 12. P.U./L 13. P.U./L	Time St ivity Mob e nal Work pe ging c. mt./LOT N.D. D. BHA D. Pipe	ımmary	7.5 2.5 17.5 34 22 6 1 22.5
OPERAT TII FROM	TIONS SU	MMARY HOUR	Time	Boats: Cecil G and w	ustafsor	repaire	Supply B Crew B ed pumpi er long en	oat Name: oat Name: ng unit. I ough to r	Radiator h	nas develo	pped leaks		Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Cr 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R	Time St ivity Mob e nal Work pe ging c. mt./LOT N.D. D. BHA D. Pipe	ımmary	7.5 2.5 17.5 34 22 6 1
OPERAT TII FROM	TIONS SU	MMARY HOUR	Time	Boats: Cecil G and w	ustafsor	repaire	Supply B Crew B ed pumpi er long en	oat Name: oat Name: ng unit. I ough to r	Radiator h	nas develo	pped leaks		Acti 1. Mob/De 2. Cernent 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Cr 11. N.U./N 12. P.U./L 13. P.U./L	Time Strivity Mob e nal Work pe ging c. mt./LOT N.D. D. BHA D. Pipe //D	ımmary	7.5 2.5 17.5 34 22 6 1 22.5 14.5
OPERAT TII FROM	TIONS SU	MMARY HOUR	Time	Boats: Cecil G and w	ustafsor	repaire	Supply B Crew B ed pumpi er long en	oat Name: oat Name: ng unit. I ough to r	Radiator h	nas develo	pped leaks		Acti 1. Mob/De 2. Cernent 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Cr 11. N.U./N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run Ci 17. Service	Time Strivity Mob e nal Work pe ging c. mt./LOT N.D. D. BHA D. Pipe //D pair asing e Rig	ımmary	7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75
OPERAT TII FROM	TIONS SU	MMARY HOUR	Time	Boats: Cecil G and w	ustafsor	repaire	Supply B Crew B ed pumpi er long en	oat Name: oat Name: ng unit. I ough to r	Radiator h	nas develo	pped leaks		Acti 1. Mob/De 2. Cernent 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir. 10. Drill Cr 11. N.U./N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run Ci 17. Service 18. Sidetra	Time Strivity Mob e nal Work pe ging c. mt./LOT N.D. D. BHA D. Pipe //D pair asing e Rig ack Op.	ımmary	7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75
OPERAT TII FROM	TIONS SU	MMARY HOUR	Time	Boats: Cecil G and w	ustafsor	repaire	Supply B Crew B ed pumpi er long en	oat Name: oat Name: ng unit. I ough to r	Radiator h	nas develo	pped leaks		Acti 1. Mob/De 2. Cernent 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir. 10. Drill Cr 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run Ci 17. Service 18. Sidetra 19. Stuck I	Time Si vity Mob e nal Work pe ging c. nt./LOT N.D. D. BHA D. Pipe //D pair assing e Rig ack Op. Pipe	ımmary	7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75
OPERAT TII FROM	TIONS SU	MMARY HOUR	Time	Boats: Cecil G and w	ustafsor	repaire	Supply B Crew B ed pumpi er long en	oat Name: oat Name: ng unit. I ough to r	Radiator h	nas develo	pped leaks		Acti 1. Mob/De 2. Cernent 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir. 10. Drill Cr 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Service 18. Sidetra 19. Stuck I 20. Survey	Time Si vity Mob e nal Work pe ging c. nt./LOT N.D. D. BHA D. Pipe //D pair assing e Rig ack Op. Pipe	ımmary	7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
OPERAT TII FROM	TIONS SU	MMARY HOUR	Time	Boats: Cecil G and w	ustafsor	repaire	Supply B Crew B ed pumpi er long en	oat Name: oat Name: ng unit. I ough to r	Radiator h	nas develo	pped leaks		Acti 1. Mob/De 2. Cernent 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir. 10. Drill Cr 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run Ci 17. Service 18. Sidetra 19. Stuck I	Time Si vity Mob e nal Work pe ging c. mt./LOT v.D. D. BHA D. Pipe //Dipair assing e Rig ack Op. Pipe	ımmary	7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75
OPERAT TII FROM	TIONS SU	MMARY HOUR	Time	Boats: Cecil G and w	ustafsor	repaire	Supply B Crew B ed pumpi er long en	oat Name: oat Name: ng unit. I ough to r	Radiator h	nas develo	pped leaks		Acti 1. Mob/De 2. Cernent 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir. 10. Drill Cr 11. N.U./ N 12. P.U./L. 13. P.U./L. 14. R/U; R 15. Rig Re 16. Run C. 17. Service 18. Sidetra 19. Stuck I 20. Survey 21. Trips 22. Tst. BG 23. UR/HC	Time Si vity Mob e nal Work pe ging c. mt./LOT I.D. D. BHA D. Pipe //D pair asing e Rig ack Op. Pipe // OPS	ımmary	7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
OPERAT TII FROM	TIONS SU	MMARY HOUR	Time	Boats: Cecil G and w	ustafsor	repaire	Supply B Crew B ed pumpi er long en	oat Name: oat Name: ng unit. I ough to r	Radiator h	nas develo	pped leaks		Acti 1. Mob/De 2. Cernent 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir. 10. Drill Cr 11. N.U./ N 12. P.U./L. 13. P.U./L. 14. R/U; R 15. Rig Re 16. Run C. 17. Service 18. Sidetra 19. Stuck I 20. Survey 21. Trips 22. Tst. BC 23. UR/HC 24. W.O.W	Time Si vity Mob e nal Work pe ging c. mt./LOT N.D. D. BHA D. Pipe //D pair asing e Rig ack Op. Pipe //	ımmary	7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
OPERAT TII FROM	TIONS SU	MMARY HOUR	Time	Boats: Cecil G and w	ustafsor	repaire	Supply B Crew B ed pumpi er long en	oat Name: oat Name: ng unit. I ough to r	Radiator h	nas develo	pped leaks		Acti 1. Mob/De 2. Cernent 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir. 10. Drill Cr 11. N.U./ N 12. P.U./L. 13. P.U./L. 14. R/U; R 15. Rig Re 16. Run Ci 17. Service 18. Sidetra 19. Stuck I 20. Survey 21. Trips 22. Tst. BC 23. UR/HC 24. W.O.W 25. Wash	Time Si vity Mob e nal Work pe ging c. mt./LOT I.D. D. BHA D. Pipe //D pair asing e Rig ack Op. Pipe // DPs // See Ream	ımmary	7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
OPERAT TII FROM	TIONS SU	MMARY HOUR	Time	Boats: Cecil G and w	ustafsor	repaire	Supply B Crew B ed pumpi er long en	oat Name: oat Name: ng unit. I ough to r	Radiator h	nas develo	pped leaks		Acti 1. Mob/De 2. Cernent 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir. 10. Drill Cr 11. N.U./ N 12. P.U./L. 13. P.U./L. 14. R/U; R 15. Rig Re 16. Run C. 17. Service 18. Sidetra 19. Stuck I 20. Survey 21. Trips 22. Tst. BC 23. UR/HC 24. W.O.W	Time Si vity Mob e nal Work pe ging c. mt./LOT I.D. D. BHA D. Pipe //D pair asing e Rig ack Op. Pipe // DPs // See Ream	ımmary	7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
OPERAT TII FROM	TIONS SU	MMARY HOUR	Time	Boats: Cecil G and w	ustafsor	repaire	Supply B Crew B ed pumpi er long en	oat Name: oat Name: ng unit. I ough to r	Radiator h	nas develo	pped leaks		Acti 1. Mob/De 2. Cernent 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Cr 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Service 18. Sidetra 19. Stuck I 20. Survey 21. Trips 22. Tst. BC 23. UR/HC 24. W.O.W 25. Wash 26. Well C	Time Si vity Mob e nal Work pe ging c. mt./LOT I.D. D. BHA D. Pipe //D pair asing e Rig ack Op. Pipe // DPs // See Ream	ımmary	7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
OPERAT TII FROM 0600	TONS SUME TO 0600	MMARY HOUR	Time	Boats: Cecil G and w	ustafsor	repaire	Supply B Crew B ed pumpi er long en	oat Name: oat Name: ng unit. I ough to r	Radiator h	nas develo	pped leaks		Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Cr 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Service 19. Stuck 19. Stuck 20. Survey 21. Trips 22. Tst. B0 23. UR/HC 24. W.O.W 25. Wash 26. Well C 27. WOC	Time Si vity Mob e nal Work pe ging c. mt./LOT I.D. D. BHA D. Pipe //D pair asing e Rig ack Op. Pipe // DPs // See Ream	ımmary	7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
OPERAT TII FROM 0600	TONS SUME TO 0600	MMARY HOUR	Time Code	Boats: Cecil G and w radiate	ustafsor	repairuld wate	Supply B Crew B ed pumpi er long en	oat Name: oat Name: ng unit. I ough to r	Radiator h	nas develo	pped leaks		Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Cr 11. N.U./ N 12. P.U./L. 13. P.U./L. 14. R/U; R 15. Rig Re 16. Run C: 17. Service 18. Sidetra 19. Stuck I 20. Survey 21. Trips 22. Tst. BC 23. UR/HC 24. W.O.W 25. Wash 26. Well C 27. WOC 28. Other Total	Time Si vity Mob e nal Work pe ging c. mt./LOT N.D. D. BHA D. Pipe //D pair asing e Rig ack Op. Pipe // COPs // & Ream ontrol	Jaily Daily	7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
OPERAT TII FROM 0600	TONS SUME TO 0600	MMARY HOUR	Time Code	Boats: Cecil G and w radiate	ustafsor	repairuld wate	Supply B. Crew B. ed pumpi ir long en to shop ir	oat Name: oat Name: ng unit. I ough to r	Radiator h	nas develo	pped leaks		Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Cr 11. N.U./ N 12. P.U./L. 13. P.U./L. 14. R/U; R 15. Rig Re 16. Run Ci 17. Service 18. Sidetra 19. Stuck i 20. Survey 21. Trips 22. Tst. BC 23. UR/HC 24. W.O.W 25. Wash 26. Well C 27. WOC 28. Other Total	Time St vity Mob e mal Work pe ging c. mt./LOT N.D. D. BHA D. Pipe //D spair assing e Rig ack Op. Pipe // COPs O/ & Ream ontrol	ımmary	7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5

															1 1 Lul V	LIPH
7	PPI Tech	nology	7						plora etio			4				5-2
	Serv															
		ck, Lease a					Contract F		DOL	<u>DFS</u>		Location	Complet			rt Date
		Junction - f					Leed #69		77	77	3/22	/2005	Mar 22	<u> </u>	Jun 7	, 2005
MD	TVD	Foot:		AF	No.		AFE Amo	unt	Auth. TD.	0.004		Company	/ Representa	itive		
5268'	5268'	PBT		<u> </u>			lo:- Ob			8,224'	47	T1	Jim Lander			
			t Operati				Rig Phon	e:	2	54-241-53	17	Toolpush		_		
L		Pumpi	ng to tan	KS			Rig Fax:					<u> </u>	Nat Guerrer	· · · · · · · · · · · · · · · · · · ·		
Current	Weather	I BLM	Vicit		NPDES		People	on Loc.:	r	I ast B∩P	Test Date		· · · · ·	RIG ELE	/ATIONS	
Wind:	vveaulei	Yes	√ No	1.050	Sample	Date		rator		Lust DOI	1031 2000		RKB	,,,,,	15	ft
Seas:		Problem?	✓ Yes	2000	Janipio	Date	<u> </u>	ractor	<u> </u>	Next BOF	Test Date	,	Water Dept	h		ft
Sky:		TODICITI		Pass?	✓ Yes	No		vice					RKB-CHF			ft
	RECORD	<u> </u>		, 400		4										
	Casing Str		OD	Wt.	Grade	Conn.	Jts.	Run	Setting	Depth	Line	г Тор	MW when	[LOT	
				L					MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?
Conduct	or		16"		LP			1	37'	37'			Air			
Surface			9 5/8"	32.3	H40	STC		12	534'	534'	ļ <u>.</u>	ļ	Air			
Inermed	iate/Produ	ction	7"	26	L80	LTC		56	6,839'	6,839'	ļ		8.8			
Inermed	iate/Produ	ction	7"	23	P110	LTC		14	7,455'	7,455'	ļ		8.8			
Producti	on Liner		5"	18	P110	FJ	1	19	8224'	8224'	7,381	7,381'	8.7		ļ	ļ
	·		ļ	ļ					ļ	<u> </u>	<u> </u>	ļ				<u>-</u>
D. T. 14/5	(A) = AB	ED AND H	VDDAIII	100 05	2000		<u> </u>		L	<u> </u>	<u> </u>	L	L			L
	IGHT, SPI			ICS RE	JUND				Total				Avg		Grade	
BIT No	Size	Bit Typ Manufa		Sorial	Number	i	Jets	Denth in	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
140	Jize	, wana	otaro.	Odilai	TOTTLOG	·····	7013	Doparm	rockago	1110	1	1 1,75,11	1.0.	10001		
ļ	 							 	 	-	 	†				
Bit Re	emarks:	<u> </u>		.			Cum. F	OT. Hrs	PU	Wt	SC	Wt	RO	Wt	To	rque
												*				
Pump															Pump Pres	
No.	Stroke	e X Liner	Output	SPM	GPM	Pre	essure	JV	Pb		W	Speed	SPM	Pump #1	Pump #2	Pump #3
	ļ		gps	<u> </u>					<u> </u>	DC	DP	1/4				
1					L	ļ		ļ			-	1/2	-	<u> </u>	ļ	
2			ł	ł	l				<u> </u>		Ц	3/4	1	L	<u></u>	L
BHA		Descri	ntion:					··								
Length:		Descri	puon:													
												_			-	
MUD DA	TΔ															
	WT.	VIS	PV	ΥP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	мвт	рН	Pm	Pf/Mf
	, ,,,,	1 1.0			,				1 222 /	, /0		, /	1	, ,,,	1	

MUD DA	ATA .															
	WT.	VIS	PV	ΥP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	рН	Pm	Pf/Mf
PIT																
		ļ	<u> </u>	<u></u>					<u> </u>			<u> </u>			<u> </u>	
		orides		1++	Smpl Temp	F.L. Temp		Screens	Ho	urs M	lud Engine	er		N	lud Compai	ıy
PIT							#1	#2	Desand	Cent.						
			<u>L</u>			L										
1							#3	#4	Desilt	Mud Cl	Daily	Cost			ımulative C	
1															\$9,622	

	and a short of the of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same	DL	CLOSURE

TI'	ME		Time	Boats:	Supply Boat Name:			Status:		
FROM	TO	HOUR	Code	<u> </u>	Crew Boat Name:			Status:		
0600	0600				re for radiator since 5-30-05			Time Su	mmary	
				PU re-furbished	l radiator in Gr. Junction an	id drive to location.		Activity	Daily	Cum.
			['	Install radiator a	and start engine on pumpin	ng unit. Well back on pump a	at	1. Mob/DeMob		7.5
					-6-05 and pumping to tank.			2. Cement		2.5
				Beginning strap				3. Circulate		17.5
						bls SW in 15.25 hrs - 2 bbls /	/hr.	4. Directional Work		
								5. Drilling		
								6. Drive Pipe		
				l				7. Fishing		34
								8. OH Logging		22
		<u> </u>	'					9. Lost Circ.		
'				T				10. Drill Cmt./LOT		
								11. N.U./ N.D.		6
								12. P.U./L.D. BHA		1
				1				13. P.U./L.D. Pipe		22.5
								14. R/U; R/D		14.5
								15. Rig Repair		26.75
								16. Run Casing		11.5
		· · · · · · · · · · · · · · · · · · ·						17. Service Rig		
								18. Sidetrack Op.		
								19. Stuck Pipe		
		<u> </u>						20. Survey		
								21. Trips		61.5
								22. Tst. BOPs		2
			1					23. UR/HO		
		1						24. W.O.W.		
								25. Wash & Ream		
				1				26. Well Control		
				1				27. WOC		
				1				28. Other		314.2
		t						Total		543.5
	Hours									
X	owntime	Daily	Fuel U		Bulk Material on Board		Previous		3,799	
Daily				Gale	Cement:	ev	Daily Cos		400	



MSC Exploration Daily Completion Report

SOLAL TOTAL MITHE T213 R19E S-26 43-019-31409

***	DOCE AT	iccs .		<u> </u>				15 0.7	0/70/
	Biod	k, Lease and Well N	NO.	Contract Rig	DOL	<u>DFS</u>	Date on Location	Completion Date	Report Date
E	. Crested	Junction - Federal N	ISC #26-1	Leed #692	78	78	3/22/2005	Mar 22, 2005	Jun 8, 2005
MD	<u>TVD</u>	<u>Footage</u>	AFE No.	AFE Amount	Auth. TD.		Compan	y Representative	
5268'	5268'	PBTD			1	8,224'		Jim Lander	
		Present Operat	ion	Rig Phone:	2	54-241-53	17 <u>Toolpusl</u>	ner	
Ĺ		Pumping to tan	ks	Rig Fax:				Nat Guerrero	

E	E. Crested	Junction - F	ederal N	MSC #26-	-1		Leed #6		78	78	3/22	/2005		2, 2005		, 2005
MD	TVD	Foot			No.		AFE Amo		Auth. TD.				y Representa			, 2000
5268'	5268'	PBT	TD				,			8,224'			Jim Lander			
		Preser	t Operat	ion			Rig Phor	ne:	2	54-241-53	17	Toolpusi	er			
		Pumpi	ing to tan	ıks			Rig Fax:						Nat Guerrer	0		
												•				
	Weather	BLM			NPDES			on Loc.:		Last BOP	Test Date			RIG ELE	/ATIONS	
Wind:		✓ Yes	√ No) Sample	Date		erator					RKB		15	ft
Seas:		Problem?					+	tractor	<u> </u>	Next BOF	Test Date)	Water Dept	h		ft
Sky:			☑ No	Pass?	✓ Yes	☐ No	Se	rvice	<u> </u>				RKB-CHF			ft
	RECORD					,										
(Casing Str	ring	OD	Wt.	Grade	Conn.	Jts.	. Run		Depth		r Top	MW when	[LOT	
\d4			40"	 	1 (5	-	 		MD	TVD	MD	TVD	Run	Pres	EMW	Leako
onducto	or		16"	22.2	LP	STC		1	37'	37'	ļ		Air		ļ	
urface	ate/Produ	-41	9 5/8"	32.3	H40 L80	STC		12 56	534' 6,839'	534'	ļ		Air	ļ	<u> </u>	
	ate/Produ		7"	23	P110	LTC	4	14	7,455	6,839' 7,455'	├		8.8	 		
	on Liner	CHOIT	5"	18	P110	FJ		19	8224'	8224'	7,381'	7,381'	8.8 8.7	 		
roductio	JII LIIIEI		1-3	1 10	PIII	FJ	1	19	0224	0224	7,361	7,361	6.7	ļ		
			 	 	 					 	 			 	-	├
IT, WEI	GHT, SPE	ED AND H	YDRAU	LICS RE	ORD					L						
BIT	T	Bit Typ		T				T	Total			r ·	Avg	T	Grade	
No	Size	Manufa		Serial	Number		Jets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
				1				T T			Î			·		
								†						 		<u> </u>
Bit Re	marks:						Cum. F	ROT. Hrs	PU	Wt	SC	Wt	ROT	Wt	Tor	que
ump				SPM	GPM			l						Slow	Pump Pres	sures
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	J∨	Pb		V	Speed	SPM	Pump #1	Pump #2	Pump i
			gps	 				 		DC	DP	1/4			i	
2	 		 	<u> </u>				 		<u> </u>	ļ	1/2 3/4			ļ	
HA	<u> </u>		<u> </u>	<u> </u>		L		<u> </u>		L	L	3/4	<u> </u>			L
Length:		Descri	ation:													
Longai.	-	Descri	30011.													
					-								·			
IUD DA	TΔ															
	WT.	VIS	PV	ΥP	GELS	WL	НТНР	CAKE	SLDS %	LGS %	01.0/	05.4/	MOT			250.5
-	7 771.	1 413	I FV	1 11	GELS	VVL	ninr	LAKE	SLUS %	LGS %	OIL %	SD %	MBT	рН	Pm	Pf/Mf
ΉT	 	 		 			 	 		 	ļ	ļ				
*****	<u> </u>	l	L	ــــــــــــــــــــــــــــــــــــــ	<u> </u>	L	L	L	<u> </u>	L	L	L	L	L		L
	r		1		Smpl	F.L.	I		Υ				· T			
	Chi	orides	C	a++	Temp	Temp	Shaker	Screens	Ho	urs M	lud Engine	er			lud Compar	ov
il T	-		-				#1	#2	Desand		Lingino				ud Compai	ıy
								774	Desand	OGIN.	1			i		
	L		<u> </u>		·	L	#3	#4	Desilt	Mud CI	Daily	Cost	<u> </u>	Cu	mulative Co	ost
															\$9,622	
IRECTI	ONAL SU	RVEYS					************		<u> </u>							
M	1D	TV	D	ÄN	GLE	Dire	ection	Coord	dinates	V	S	DL		CLOS	URE	
	IONS SU	MMARY														
	ME		Time	Boats:				oat Name:					Status:			
FROM	TO	HOUR	Code				Crew B	oat Name:					Status:			
0600	0600			Pumpir	g unit pu	umping	to tanks.	Recover	red 45 bbl	s of water	. No trac	e of		Time Su	mmary	
]			oil.									Acti		Daily	Cum.
													1. Mob/Del	Mob		7.5

	ME			Boats:	Supply Boat Name:		_	Status:		
FROM	TO	HOUR	Code		Crew Boat Name:			Status:		
0600	0600				numping to tanks. Recovere	d 45 bbls of water. No trac	e of	Time Su	ımmary	
				oil.				Activity	Daily	Cum
								1. Mob/DeMob		7.5
				Pumping unit a	veraging 12% usage of prop	pane volume per day.		2. Cement		2.5
								3. Circulate		17.5
								4. Directional Work		
				Total recovery	since swabbing began on zo	one - 712 bbls		5. Drilling		
								6. Drive Pipe		
								7. Fishing		34
								8. OH Logging		22
								9. Lost Circ.		
								10. Drill Cmt./LOT		
								11. N.U./ N.D.		6
								12. P.U./L.D. BHA		1
								13. P.U./L.D. Pipe		22.5
								14. R/U; R/D		14.5
								15. Rig Repair		26.75
								16. Run Casing		11.5
								17. Service Rig		
								18. Sidetrack Op.		
								19. Stuck Pipe		
					•			20. Survey		
								21. Trips		61.5
								22. Tst. BOPs		2
								23. UR/HO		
								24. W.O.W.		
								25. Wash & Ream		
								26. Well Control		
								27. WOC		
								28. Other		314.2
								Total		543.5
Total I			<u> </u>		15					
Rig Do		Daily	Fuel U	sage Gals	Bulk Material on Board Cement:		Previous (
um.		Cum.	83		Barite:	SX SX	Daily Cos Cum. Cos		20	



MSC Exploration Talsaige Sale

Шп	Serv	ices			U	ali	y Go	mpi	etio	n Ke	epor	τ	43	-019.	-314	109
		ck, Lease a Junction - f			1		Contract I	_	DOL 80	<u>DFS</u> 80		Location /2005	Complete	ion Date	Repo	rt Date
MD	TVD	Foot			E No.		AFE Amo		Auth. TD.		3/22		Mar 22 Representa		Jun 10	0, 2005
5268'	5268'	PB1				<u> </u>				8,224'			Jim Lander			
			t Operation				Rig Phon Rig Fax:	Θ:	4	35-285-23	36	Toolpush	<u>ier</u> Nat Guerrer			
		r diripi	ng to tarn				ING I ax.				· · · · · · · · ·		Trac Outlier	· · · · · · · · · · · · · · · · · · ·		
	Weather	BLM '			NPDES			on Loc.:		Last BOP	Test Date			RIG ELEV		
Wind: Seas:		Yes Problem?	☐ Yes		Sample	<u>Date</u>		rator ractor	ļ	Next BOD	Test Date		RKB Water Dept		15	ft
Sky:		r TODIETTI:		Pass?	Yes	□ No	+	vice	<u> </u>	INGAL DOI	103t Date		RKB-CHF			ft
CASING	RECORD					•			·							
'	Casing Str	ing	OD	Wt.	Grade	Conn.	Jts.	Run	Setting	Depth TVD	Line MD	rTop TVD	MW when Run	Pres	LOT EMW	Leakoff?
Conducto	or		16"		LP			1	37'	37'	1	1,45	Air	1103		Councill
Surface			9 5/8"	32.3	H40	STC		12	534'	534'	<u> </u>		Air			
	ate/Produc ate/Produc		7"	26 23	L80 P110	LTC		56 4	6,839' 7,455'	6,839' 7,455'	 		8.8 8.8			
Production	on Liner		5"	18	P110	FJ	1	9	8224'	8224'	7,381'	7,381'	8.7			
		_								ļ			<u> </u>			ļ
	GHT, SPE	ED AND H		ICS RE	ORD							· · · · · · · · · · · · · · · · · · ·	· .			
BIT No	Size	Bit Typ Manufa		Serial	Number		Jets	Depth In	Total Footage	Hrs	WOB	Rpm	Avg ROP	Tooth	Grade Bearing	Gage
Bit Re	marks:	L		<u> </u>			Cum. R	OT. Hrs	PU	Wt	SC	Wt	ROT	Wi	To	rque
<u> </u>													l			
Pump No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	JV	Pb	,	٩V	Speed	SPM	Slow Pump #1	Pump Pres	Sures Pump #3
			gps							DC	DP	1/4				
2					<u> </u>					 	<u> </u>	1/2 3/4				
BHA				<u> </u>		· .			1	l		<u> </u>	<u> </u>		l	<u> </u>
Length:		Descri	otion:													
	 												• ••••			
MUD DA	,	····					,		γ		·····	,				
PIT	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL%	SD %	MBT	pН	Pm	Pf/Mf
, , ,									L							
 	т		г		Smpl	F.L.	1		r					·		
	Chl	orides	Ca	1++	Temp	Temp	Shaker	Screens	Ho	ours N	/lud Engine	er		М	lud Compa	ny
PIT							#1	#2	Desand	Cent.	-	•				
	4	·····	1		·		#3	#4	Desilt	Mud CI	Daily	Cost	1	Cu	mulative C	ost
DIRECTI	ONAL SU	RVFYS					<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u></u>		l	<u> </u>	\$9,622	
	ИD	TV	D	AN	GLE	Dir	ection	Coord	dinates	, ,	/S	DL	Ι	CLOS	URE	F/B- :-
									 		ļ					
	TIONS SU	MMARY						L		<u> </u>						···
FROM	ME TO	HOUR	Time Code	Boats:				oat Name: oat Name:				-	Status: Status:			
0600	0600			Pumpir	ıg unit pı	umping	to tanks.	Recover	ed 45 bbl	s of water	r. No trac	e of		Time Su	mmary	
	ļ			oil.									Acti	·	Daily	Cum.
<u> </u>													1. Mob/De 2. Cement			7.5 2.5
							-						3. Circulate		<u> </u>	17.5
													4. Direction	nal Work		
-	ļ			Total re	covery s	since sv	vabbing t	egan on	zone - 79	98 bbls			5. Drilling			
	<u> </u>												6. Drive Pi 7. Fishing	pe	<u> </u>	24
	 												8. OH Log	ging		34 22
	i												9. Lost Cir		 	
													10. Drill Cr			
	ļ		ļ										11. N.U./ N		ļ	6
<u> </u>	 								_				12. P.U./L. 13. P.U./L.		<u> </u>	22.5
	ļ												14. R/U; R			14.5
	<u> </u>	-											15. Rig Re			26.75
	ļ												16. Run C			11.5
<u> </u>	ļ												17. Service			
	 	 											18. Sidetra 19. Stuck I			
													20. Survey			
	L												21. Trips			61.5
<u> </u>	-	ļ	 	<u> </u>									22. Tst. BC			2
 	 	ļ	 	 				·					23. UR/HC 24. W.O.W			-
	 -												25. Wash			
													26. Well C			
		ļ											27. WOC			
 	 	<u> </u>		<u> </u>									28. Other			314.25
Total	Hours		 	<u> </u>									Total		<u> </u>	543.5
Rig Do Daily	owntime	D-ii	Fuel U	sage	0.0		aterial on I	Board			···	Previous),939	
		Daily	I		Gals	Cemen	τ:			SX		Daily Co:	St	\$1	20	



Total Hours

Daily Cum.

Rig Downtime

Fuel Usage

831

Bulk Material on Board
Gals Cement:
Gals Barite:

\$651,059 \$120 \$651,179

Previous Cost
Daily Cost
Cum. Cost

	PPI	nalaar					MSC	; Ex	plora	ation)		7	213	KIYE	57
m	Servi	nology ices			D	aily	y Co	mpl	etio	n Re	por	<u> </u>	43	-0/9	-314	09
	Bloc	k, Lease ar					Contract F		DOL	DFS	Date on		Completion	on Date	Report	t Date
MD E	. Crested	Junction - F Foota		SC #26-1 AFE			Leed #69 AFE Amou		81 Auth, TD.	81	3/22/		Mar 22, Representat		Jun 11	, 2005
MD 5268'	5268'	PBT		<u> </u>	110.		THE PROPERTY	<u> </u>	19311. 191	8,224			Jim Lander			
			Operation				Rig Phon	e:	4:	35-285-233	6	Tooloushe	£ Nat Guerrero			
		Pumpir	ng to tank	S			Rig Fax:						vat Guerrero			
Current '	Weather	BLM \	/isit	******	NPDES		People	on Loc.:		Last BOP	Test Date			RIG ELEV		
Wind:		Yes	∐ No	LC50	Sample	<u>Date</u>		erator tractor		Next BOP	Test Date		RKB Water Depth			ft ft
Seas: Sky:		Problem?	Yes	Pass?	Yes	No		rvice		Next BOI	1031 Date		RKB-CHF			ft
	RECORD									5	1	*	A #1 A 1		LOT	
	Casing Str	ing	OD	Wt.	Grade	Conn.	Jts.	Run	Setting	Depth TVD	MD	Top TVD	MW when Run	Pres	EMW	Leakoff?
Conducto	or		16"		LP			1	37'	37'			Air			
Surface	ate/Produc	ation	9 5/8" 7"	32.3 26	H40 L80	STC		12 56	534' 6,839'	534' 6,839'			Air 8.8			· · · · · ·
	ate/Produc		7"	23	P110	LTC		14	7,455'	7,455'	7.0041	7.004	8.8			<u></u>
roductio	on Liner		5"	18	P110	FJ	ļ — · · · ·	19	8224'	8224'	7,381'	7,381'	8.7			
	GHT, SPE	ED AND H		ICS RE	CORD	Τ			Total		Γ	1	Avg		Grade	
BIT No	Size	Manufa		Serial	Number	<u> </u>	Jets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
								-			<u> </u>		<u> </u>		 	<u> </u>
Bit Re	emarks:	L		L			Cum. F	ROT. Hrs	PL	Wt	sc	Wt	ROT	Wt	Tor	que
Dures =			Т	r	г—-	1		1	<u> </u>	T	L			Slow	Pump Pres	sures
Pump No.	Strok	e X Liner	Output	SPM	GPM	Pro	essure	JV	Pb		۱۷ ا	Speed	SPM	Pump #1	Pump #2	Pump #3
	 		gps	<u></u>		<u> </u>		-	<u> </u>	DC	DP	1/4	 	<u> </u>		
2						<u>L</u>						3/4				
вна			-::													
Length:		Descri	ption:													
MUD DA	WT.	VIS	PV	YP	GELS	WL	НТНР	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	pН	Pm	Pf/Mf
PIT	VV 1.	1 110														
							<u> </u>		<u> </u>	1	L		<u> </u>	1	1,	
	··-		T		Smpl	F.L.	Τ		T				1	Ι.		
AUT.	Ch	lorides	C	a++	Temp	Temp	Shake #1	r Screens #2	Desand		/lud Engin	eer	1	<u> </u>	Mud Compa	пу
PIT	 										1	01	,	<u> </u>	umulative C	Cont
							#3	#4	Desilt	Mud Cl	Dali	y Cost			\$9,622	7031
	IONAL SI										16	DL		CI ()	SURE	
	MD	T	/D	I AN	IGLE	Di	irection	C00	rdinates	 	vs I	1 50		CLO	JOILE	
	TIONS SU	MMARY	Time	Boats:			Supply	Boat Name):				Status:			
FROM	TO	HOUR	Code	1			Crew	Boat Name	9:				Status:			
0600	0600		-	Pumpi oil.	ng unit p	oumpin	g to tanks	s. Recove	ered 39 bb	ols of wate	r. No tra	ce of	Ac	Time S tivity	Summary Daily	Cum.
	-			011.									1. Mob/De			7.5
			1										2. Cemen			2.5
				-									3. Circula	te onal Work		17.5
<u> </u>	-			Total		since	swahhing	began or	n zone - 8	37 bbls			5. Drilling		 	
	-	+	1	, otal	300 to 1 y	550		, 5 1					6. Drive F	ipe	Ţ	
	1												7. Fishing		 	34_
	<u> </u>	-	┼—									_	8. OH Log 9. Lost Ci		+	22
	+-		-	 									10. Drill C			
													11. N.U./			6
													12. P.U./		+	22.5
<u> </u>			1										13. P.U./I	D. Pipe R/D	+	14.5
<u> </u>	+-	-	1	t^-									15. Rig R	epair		26.75
			1 -										16. Run (+-	11.5
		-	4	-									17. Servi 18. Sidet		+	+
	-	+	1-	1	······								19. Stuck			
—	 		1	1									20. Surve	∍ у		
]										21. Trips			61.5
<u></u>				+									22. Tst. E 23. UR/H		-	2
<u> </u>	+		-	+-									24. W.O.			
				1										ı & Ream		1
												_	26. Well		-	
]			-										27. WOC 28. Othe		+	314.2
-	-	+		+									Total			543.5



MSC Exploration Daily Completion Report

Tals RIGE 5-76 43-019-31409

	Bloc	k, Lease a	nd Well N	io.			Contract	Ria	DOL	DFS	Date on	Location	Complet	on Date		f Date
		Junction - F					Leed #69		82	82		2005	Mar 22	, 2005		2, 2005
<u>MD</u> 5268'	<u>TVD</u> 5268'	Foota PBT		AFE	<u> No.</u>		AFE Amo	<u>unt</u>	Auth, TD.	8,224'		Company	Representa Jim Lander	<u>tive</u>		
3200	5200		t Operati	on .			Rig Phon	ie:	4	35-285-23	36	Toolpush				
		Pumpi	ng to tanl	ks		.,	Rig Fax:						Nat Guerrer)		
Current	Weather	BLM	/isit		NPDES		People	on Loc.:		l ast BOP	Test Date			RIG ELEV	ATIONS	
Wind:		Yes	∐ No	LC50) Sample	Date		erator					RKB			ft
Seas:		Problem?	Yes					ractor		Next BOP	Test Date		Water Depti	1		ft
Sky: CASING	RECORD		∐ No	Pass?	∐ Yes	☐ No	Se	rvice		L			RKB-CHF			ft
	Casing Stri	ng	OD	Wt.	Grade	Conn.	Jts.	Run	Setting	Depth	Line	гТор	MW when		LOT	
Canduata			16"		LP			1	MD 37'	TVD 37'	MD	TVD	Run	Pres	EMW	Leakoff?
Conducto Surface	Dr.		9 5/8*	32.3	H40	STC		12	534'	534'			Air Air			
	ete/Produc		7*	26	L80	LTC		56	6,839'	6,839'			8.8			
Inermedia Productio	ate/Produc	tion	7" 5"	23 18	P110 P110	LTC FJ		14	7,455' 8224'	7,455' 8224'	7,381'	7,381'	8.8 8.7			
. , , , , , , , , , , , , , , , , , , ,									OLL!	J. J.	1,001	7,007	0;1			
OIT WEL	CUT CDE	ED AND H	VDBAIII	ICS DE	COPR											
BIT	GHI, SPE	Bit Type		ICS RE	JOND			l	Total	1	Ī		Avg	l .	Grade	
No	Size	Manufa	cturer	Serial	Number	J	ets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
Bit Re	marks:			l			Cum. F	OT. Hrs	PU	Wt	so	Wt	ROT	Wt	Tor	que
Pump			,							7	L			Slow	Pump Pres	
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	J۷	Pb	Α	v	Speed	SPM	Pump #1	Pump #2	Pump #3
			gps			1				DC	DP	1/4				
											 	1/2 3/4				
ВНА								'	· · · · · · · · · · · · · · · · · · ·		···	<u></u>				
Length:		Descrip	otion:							-	•					
		-														
MUD DA					1	T				T	1	, , , , , , , , , , , , , , , , , , ,				
PIT	WT.	VIS_	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	pН	Pm	Pf/Mf
			1		Smpl	F.L.	I									
	Chlo	orides	Ca	3++	Temp	Temp		Screens			lud Engine	er		М	ud Compai	ny
PIT							#1	#2	Desand	Cent.	ļ					
			<u> </u>				#3	#4	Desilt	Mud Cl	Daily	Cost		Cu	mulative C	ost
DIRECTION	ONAL SUI	RVEYS					#3	#4	Desilt	Mud Cl	Daily	Cost		Cu	mulative C \$9,622	ost
	ONAL SUI	RVEYS		AN	GLE	Dire	#3 ection		Desilt linates		Daily /S	Cost		CLOS	\$9,622	ost
				AN	GLE	Dire									\$9,622	ost
M OPERAT	IONS SU	TVI			GLE		ection	Coord							\$9,622	ost
OPERAT	IONS SU	TVI	Time	AN Boats:	GLE		ection Supply B						Status: Status:		\$9,622	ost
M OPERAT	IONS SU	TVI		Boats:			Supply B	Coord	linates	V	/s	DL	Status: Status:		\$9,622 URE	ost
OPERAT TIN FROM	IONS SUM ME TO	TVI	Time	Boats:			Supply B	Coord oat Name:	linates	V	/s	DL	Status: Acti	CLOS Time Su	\$9,622 URE	Cum.
OPERAT TIN FROM	IONS SUM ME TO	TVI	Time	Boats:			Supply B	Coord oat Name:	linates	V	/s	DL - e of	Status: Acti 1. Mob/De	CLOS Time Su vity Mob	\$9,622 URE	Cum. 7.5
OPERAT TIN FROM	IONS SUM ME TO	TVI	Time	Boats:			Supply B	Coord oat Name:	linates	V	/s	DL - e of	Status: Acti 1. Mob/De 2. Cement	CLOS Time Su vity Mob	\$9,622 URE	Cum. 7.5 2.5
OPERAT TIN FROM	IONS SUM ME TO	TVI	Time	Boats:			Supply B	Coord oat Name:	linates	V	/s	DL - e of	Acti 1. Mob/De 2. Cement 3. Circulate	Time Su vity	\$9,622 URE	Cum. 7.5
OPERAT TIN FROM	IONS SUM ME TO	TVI	Time	Boats: Pumpin oil.	ig unit pi	umping	Supply B Crew B to tanks.	Coord oat Name:	ed 37 bbl	v v	/s	DL - e of	Status: Acti 1. Mob/De 2. Cement	Time Su vity	\$9,622 URE	Cum. 7.5 2.5
OPERAT TIN FROM	IONS SUM ME TO	TVI	Time	Boats: Pumpin oil.	ig unit pi	umping	Supply B Crew B to tanks.	Coord poat Name: poat Name: Recover	ed 37 bbl	v v	/s	DL DL	Acti 1. Mob/Del 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi	Time Su vity Mob	\$9,622 URE	Cum. 7.5 2.5 17.5
OPERAT TIN FROM	IONS SUM ME TO	TVI	Time	Boats: Pumpin oil.	ig unit pi	umping	Supply B Crew B to tanks.	Coord poat Name: poat Name: Recover	ed 37 bbl	v v	/s	DL DL	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing	Time Su vity Mob anal Work	\$9,622 URE	Cum. 7.5 2.5 17.5
OPERAT TIN FROM	IONS SUM ME TO	TVI	Time	Boats: Pumpin oil.	ig unit pi	umping	Supply B Crew B to tanks.	Coord poat Name: poat Name: Recover	ed 37 bbl	v v	/s	DL DL	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Loge	Time Su vity Mob anal Work	\$9,622 URE	Cum. 7.5 2.5 17.5
OPERAT TIN FROM	IONS SUM ME TO	TVI	Time	Boats: Pumpin oil.	ig unit pi	umping	Supply B Crew B to tanks.	Coord poat Name: poat Name: Recover	ed 37 bbl	v v	/s	DL DL	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing	Time Su vity Mob anal Work	\$9,622 URE	Cum. 7.5 2.5 17.5
OPERAT TIN FROM	IONS SUM ME TO	TVI	Time	Boats: Pumpin oil.	ig unit pi	umping	Supply B Crew B to tanks.	Coord poat Name: poat Name: Recover	ed 37 bbl	v v	/s	DL DL	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Loge 9. Lost Circ	Time Su vity Mob anal Work pe	\$9,622 URE	Cum. 7.5 2.5 17.5
OPERAT TIN FROM	IONS SUM ME TO	TVI	Time	Boats: Pumpin oil.	ig unit pi	umping	Supply B Crew B to tanks.	Coord poat Name: poat Name: Recover	ed 37 bbl	v v	/s	DL DL	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Logg 9. Lost Circ 10. Drill Cr 11. N.U./ N 12. P.U./L.	Time Suvity Mob enal Work pe ging c. nt./LOT	\$9,622 URE	Cum. 7.5 2.5 17.5 34 22 6 1
OPERAT TIN FROM	IONS SUM ME TO	TVI	Time	Boats: Pumpin oil.	ig unit pi	umping	Supply B Crew B to tanks.	Coord poat Name: poat Name: Recover	ed 37 bbl	v v	/s	DL DL	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Logg 9. Lost Circ 10. Drill Cr 11. N.U./ N 12. P.U./L. 13. P.U./L.	Time Suvity Mob enal Work pe ging c. nt./LOT I.D. D. BHA D. Pipe	\$9,622 URE	Cum. 7.5 2.5 17.5 34 22 6 1 22.5
OPERAT TIN FROM	IONS SUM ME TO	TVI	Time	Boats: Pumpin oil.	ig unit pi	umping	Supply B Crew B to tanks.	Coord poat Name: poat Name: Recover	ed 37 bbl	v v	/s	DL DL	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Logg 9. Lost Circ 10. Drill Cr 11. N.U./ N 12. P.U./L. 13. P.U./L. 14. R/U; R	Time Suvity Mob enal Work pe ging c. nt./LOT I.D. D. BHA D. Pipe	\$9,622 URE	Cum. 7.5 2.5 17.5 34 22 6 1 22.5 14.5
OPERAT TIN FROM	IONS SUM ME TO	TVI	Time	Boats: Pumpin oil.	ig unit pi	umping	Supply B Crew B to tanks.	Coord poat Name: poat Name: Recover	ed 37 bbl	v v	/s	DL DL	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Logg 9. Lost Circ 10. Drill Cr 11. N.U./ N 12. P.U./L. 13. P.U./L.	Time Suvity Mob enal Work pe ging c. nt./LOT I.D. D. BHA D. Pipe //D pair	\$9,622 URE	Cum. 7.5 2.5 17.5 34 22 6 1 22.5
OPERAT TIN FROM	IONS SUM ME TO	TVI	Time	Boats: Pumpin oil.	ig unit pi	umping	Supply B Crew B to tanks.	Coord poat Name: poat Name: Recover	ed 37 bbl	v v	/s	DL e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Logg 9. Lost Circ 10. Drill Cr 11. N.U./ N 12. P.U./L. 13. P.U./L. 14. R/U; R 15. Rig Re 16. Run Ca 17. Service	Time Suvity Mob enal Work pe ging c. nt./LOT I.D. D. BHA D. Pipe //D pair pair pair pair paing pair	\$9,622 URE	Cum. 7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75
OPERAT TIN FROM	IONS SUM ME TO	TVI	Time	Boats: Pumpin oil.	ig unit pi	umping	Supply B Crew B to tanks.	Coord poat Name: poat Name: Recover	ed 37 bbl	v v	/s	DL e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Logg 9. Lost Circ 10. Drill Cr 11. N.U./N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run Ca 17. Service 18. Sidetra	Time Suvity Mob enal Work pe ging c. nt./LOT I.D. D. BHA D. Pipe //D pair asing e Rig ock Op.	\$9,622 URE	Cum. 7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75
OPERAT TIN FROM	IONS SUM ME TO	TVI	Time	Boats: Pumpin oil.	ecovery s	umping	Supply B Crew B to tanks.	Coord poat Name: poat Name: Recover	ed 37 bbl	v v	/s	e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Logg 9. Lost Circ 10. Drill Cr 11. N.U./ N 12. P.U./L. 13. P.U./L. 14. R/U; R 15. Rig Re 16. Run Ca 17. Service 18. Sidetra 19. Stuck F	Time Suvity Mob enal Work pe ging c. nt./LOT I.D. D. BHA D. Pipe //D pair asing e Rig ick Op. Pipe	\$9,622 URE	Cum. 7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75
OPERAT TIN FROM	IONS SUM ME TO	TVI	Time	Boats: Pumpin oil.	ecovery s	umping	Supply B Crew B to tanks.	Coord poat Name: poat Name: Recover	ed 37 bbl	v v	/s	DL e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Logg 9. Lost Circ 10. Drill Cr 11. N.U./N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run Ca 17. Service 18. Sidetra 19. Stuck F 20. Survey	Time Suvity Mob enal Work pe ging c. nt./LOT I.D. D. BHA D. Pipe //D pair asing e Rig ick Op. Pipe	\$9,622 URE	Cum. 7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
OPERAT TIN FROM	IONS SUM ME TO	TVI	Time	Boats: Pumpin oil.	ecovery s	umping	Supply B Crew B to tanks.	Coord poat Name: poat Name: Recover	ed 37 bbl	v v	/s	DL e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Logg 9. Lost Circ 10. Drill Cr 11. N.U./ N 12. P.U./L. 13. P.U./L. 14. R/U; R 15. Rig Re 16. Run Ca 17. Service 18. Sidetra 19. Stuck F	Time Suvity Mob enal Work pe ging c. nt./LOT D. BHA D. Pipe //D pair asing e Rig ck Op.	\$9,622 URE	Cum. 7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75
OPERAT TIN FROM	IONS SUM ME TO	TVI	Time	Boats: Pumpin oil.	ecovery s	umping	Supply B Crew B to tanks.	Coord poat Name: poat Name: Recover	ed 37 bbl	v v	/s	e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Logg 9. Lost Circ 10. Drill Cr 11. N.U./N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run Ca 17. Service 18. Sidetra 19. Stuck F 20. Survey 21. Trips 22. Tst. BC 23. UR/HO	Time Suvity Mob enal Work pe ging c. nt./LOT D. BHA D. Pipe //D pair pair pair pair pair pair pair pair	\$9,622 URE	Cum. 7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
OPERAT TIN FROM	IONS SUM ME TO	TVI	Time	Boats: Pumpin oil.	ecovery s	umping	Supply B Crew B to tanks.	Coord poat Name: poat Name: Recover	ed 37 bbl	v v	/s	e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Logg 9. Lost Circ 10. Drill Cr 11. N.U./ N 12. P.U./L. 13. P.U./L. 14. R/U; R 15. Rig Re 16. Run Ca 17. Service 18. Sidetra 19. Stuck F 20. Survey 21. Trips 22. Tst. BC 23. UR/HO 24. W.O.W	Time Suvity Mob enal Work pe ging c. nt./LOT D. BHA D. Pipe //D pair asing e Rig ck Op. Pipe	\$9,622 URE	Cum. 7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
OPERAT TIN FROM	IONS SUM ME TO	TVI	Time	Boats: Pumpin oil.	ecovery s	umping	Supply B Crew B to tanks.	Coord poat Name: poat Name: Recover	ed 37 bbl	v v	/s	e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Logg 9. Lost Circ 10. Drill Cr 11. N.U./ N 12. P.U./L. 13. P.U./L. 14. R/U; R 15. Rig Re 16. Run Ca 17. Service 18. Sidetra 19. Stuck F 20. Survey 21. Trips 22. Tst. BC 23. UR/HO 24. W.O.W 25. Wash &	Time Suvity Mob enal Work pe ging c. nt./LOT D. BHA D. Pipe //D pair asing e Rig ck Op. Pipe	\$9,622 URE	Cum. 7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
OPERAT TIN FROM	IONS SUM ME TO	TVI	Time	Boats: Pumpin oil.	ecovery s	umping	Supply B Crew B to tanks.	Coord poat Name: poat Name: Recover	ed 37 bbl	v v	/s	e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Logg 9. Lost Circ 10. Drill Cr 11. N.U./ N 12. P.U./L. 13. P.U./L. 14. R/U; R 15. Rig Re 16. Run Ca 17. Service 18. Sidetra 19. Stuck F 20. Survey 21. Trips 22. Tst. BC 23. UR/HO 24. W.O.W	Time Suvity Mob enal Work pe ging c. nt./LOT D. BHA D. Pipe //D pair asing e Rig ck Op. Pipe	\$9,622 URE	Cum. 7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
OPERAT TIN FROM	IONS SUM ME TO	TVI	Time	Boats: Pumpin oil.	ecovery s	umping	Supply B Crew B to tanks.	Coord poat Name: poat Name: Recover	ed 37 bbl	v v	/s	e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Logg 9. Lost Circ 10. Drill Cr 11. N.U./ N 12. P.U./L. 13. P.U./L. 14. R/U; R 15. Rig Re 16. Run Ca 17. Service 18. Sidetra 19. Stuck F 20. Survey 21. Trips 22. Tst. BC 23. UR/HO 24. W.O.W 25. Wash & 26. Well C	Time Suvity Mob enal Work pe ging c. nt./LOT D. BHA D. Pipe //D pair asing e Rig ck Op. Pipe	\$9,622 URE	Cum. 7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
MOPERAT TIP FROM 0600	IONS SUM TO 0600	TVI	Time	Boats: Pumpin oil.	ecovery s	umping	Supply B Crew B to tanks.	Coord poat Name: poat Name: Recover	ed 37 bbl	v v	/s	e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Logg 9. Lost Circ 10. Drill Cr 11. N.U./N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run Ca 17. Service 18. Sidetra 19. Stuck F 20. Survey 21. Trips 22. Tst. BC 23. UR/HO 24. W.O.W 25. Wash & 26. Well Ca 27. WOC	Time Suvity Mob enal Work pe ging c. nt./LOT D. BHA D. Pipe //D pair asing e Rig ck Op. Pipe	\$9,622 URE	Cum. 7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
OPERAT TIN FROM	IONS SUR ME TO 0600	TVI	Time	Boats: Pumpin oil. Total re	ecovery s	umping	Supply B Crew B to tanks.	coat Name: oat Name: Recover	ed 37 bbl	v v	/s	e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Circ 10. Drill Cr 11. N.U./ N. 12. P.U./L. 13. P.U./L. 14. R/U; R. 15. Rig Re 16. Run Ca 17. Service 18. Sidetra 19. Stuck F 20. Survey 21. Trips 22. Tst. BC 23. UR/HO 24. W.O.W 25. Wash & 26. Well Ca 27. WOC 28. Other Total	Time Suvity Mob enal Work pe ging c. nt./LOT D. BHA D. Pipe //D pair asing e Rig ck Op. Pipe	\$9,622 URE mmary Daily	Cum. 7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
OPERAT TIN FROM 0600	IONS SUR ME TO 0600	TVI	Time Code	Boats: Pumpin oil. Total re	ecovery s	umping	Supply Bi Crew Bi to tanks.	coat Name: oat Name: Recover	ed 37 bbl	v v	/s	e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Circ 10. Drill Cr 11. N.U./ N 12. P.U./L. 13. P.U./L. 14. R/U; R 15. Rig Re 16. Run Ca 17. Service 18. Sidetra 19. Stuck F 20. Survey 21. Trips 22. Tst. BC 23. UR/HO 24. W.O.W 25. Wash & 26. Well Ca 27. WOC 28. Other Total	Time Sulvity Mob anal Work ging b. C. D. BHA D. Pipe //D pair asing a Rig ck Op. Pipe OPs A Ream ontrol	\$9,622 URE mmary Daily 179 20	Cum. 7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5



MSC Exploration Tals RIGE S-76

ΠŹ	Servi	nology ices			D	aily	/ Co	mpl	etio	n Re	por	<u>t</u>	43-0	19-3	31409	·
	Bloc	k, Lease ar				(Contract F	Ria	DOL	<u>DFS</u> 83	Date on		Completi Mar 22	on Date		t Date
MD E.	TVD	Junction - F Foota			1 No.		Leed #69 AFE Amou		83 Auth. TD.	63	3/22/		Representa		Juff 13	, 2003
5268'	5268'	PBT	D							8,224'			Jim Lander			
			t Operations	-			Rig Phone Rig Fax:	8 :	43	35-285-23	50	Toolpush	<u>ler</u> Nat Guerrerd)		
		Fumpii	y w tarif													
Current \	Veather	BLM \			NPDES			on Loc.:		Last BOP	Test Date		RKB	RIG ELEV		ft
Wind: Seas:		✓ Yes Problem?	✓ No	LC50	Sample	Date		rator ractor		Next BOP	Test Date)	Water Depth	 		ft
Sky:				Pass?	✓ Yes	□No	Ser	vice					RKB-CHF			ft
	RECORD asing Str	ina	OD	Wt.	Grade	Conn.	Jts.	Run	Setting	Depth	Line	т Тор	MW when		LOT	
	asing ou	9	O.D	,,	0,200				MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?
Conducto Surface	r		16" 9 5/8"	32.3	LP H40	STC		1	37' 534'	37' 534'			Air Air			
	te/Produc	ction	7"	26	L80	LTC	1:	56	6,839'	6,839'			8.8			
nermedia Productio	ite/Produc	ction	7" 5"	23 18	P110 P110	LTC FJ		19	7,455' 8224'	7,455' 8224'	7,381'	7,381'	8.8 8.7			
Toddello	TI CITIO															
IT. WEI	GHT. SPE	ED AND H	I YDRAUL	ICS RE	CORD				l		L	L	<u> </u>	<u> </u>	·	1
BIT		Bit Typ	e and						Total		won		Avg ROP	Tooth	Grade Bearing	Gage
No	Size	Manufa	cturer	Serial	Number	<u> </u>	ets	Depth In	Footage	Hrs	WOB	Rpm	ROP	10001	Bearing	Gage
				<u> </u>							- 0.0	144		14/4	To	rque
Bit Re	marks:						Cum. F	ROT. Hrs	PU	Wt	50) Wt	RO1	VVI	101	ique ,
ump		· · ·	0	0014	GPM	D.	ssure	JV	Pb	,	\V	Speed	SPM		Pump Pres	
No.	Stroki	e X Liner	Output gps	SPM	GPM		Jour 6			DC	DP	1/4		,		
1												1/2 3/4				
2 BHA			L	<u> </u>	<u> </u>				<u> </u>			3/4	·	L	<u> </u>	
Length:		Descri	ption:													
MUD DA	TA					,				,	, , , , , , , , , , , , , , , , , , , 					T-22
	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	pН	Pm	Pf/Mf
PIT		 	 	├				 	<u> </u>							
			<u>, </u>		I Cmpl	F.L.	····				·		1	1		·····
	Ch	lorides	C	a++	Smpl Temp	Temp	Shaker	Screens	Ho	ours I	/lud Engin	eer			/lud Compa	iny
PIT							#1	#2	Desand	Cent.						
	L.,,		<u> </u>			<u></u>	#3	#4	Desilt	Mud Cl	Dail	y Cost		С	umulative C	Cost
DIRECTI	ONAL SI	IRVEYS					1	<u> </u>	<u> </u>				<u> </u>	<u> </u>	\$9,622	
	4D	TV	/D	AN	IGLE	Dir	ection	Coor	dinates		vs.	DL		CLO:	SURE	
				<u> </u>		├			 	<u> </u>	 	 	 			
OPERAT	IONS SL	IMMARY							<u> </u>							
TI FROM	ME TO	HOUR	Time Code	Boats:				Boat Name Boat Name				-	Status: Status:			
0600	0600	HOOK	1	Pumpi	ng unit p	umping	to tanks	Recove	red 42 bb	ls of wate	r. Possit	ole		Time S	ummary	
					of oil. V									tivity	Daily	Cum.
		ļ		\vdash					-				1. Mob/De 2. Cemen		<u> </u>	7.5
		-		+									3. Circula			17.5
			1							40				nal Work	<u> </u>	ļ
		 	—	Total r	recovery	since s	wabbing	began on	zone - 9	16 bbls			5. Drilling 6. Drive P		+	
	-	-	 	+									7. Fishing			34
													8. OH Log	gging		22
			1										9. Lost Ci		 	
	-	-		-			-						10. Drill C		†	6
	+		1	1									12. P.U./L			1
				1									13. P.U./L		-	22.5
	1	ļ	-	-									14. R/U; I 15. Rig R		1	14.5 26.75
	 			+					-			<u> </u>	16. Run (11.5
													17. Servi	ce Rig		
			1	1								-,	18. Stuck		-	+
<u> </u>	1			+									19. Stuck 20. Surve		+	1
	1		1	1									21. Trips			61.5
													22. Tst. E		1	2
	<u> </u>		1	1-									23. UR/H 24. W.O.		+	-
	+	-	+-	+										vv. . & Ream		+
	+	1	1	1									26. Well	Control		
	ļ												27. WOO		-	244.0
	-			+									28. Other			314.29 543.5
Tota	l Hours		士	<u> </u>												3.70.0
Rig D	owntime	Daily	Fuel	Usage	Gals	Bulk N	Material or	n Board		sx		Previou Daily C	us Cost Cost		51,299 \$120	
	i	Daily	1		9215	ineline	411.			JA.		Louis C		\$6		



MSC Exploration Tals R195 5-26 Daily Completion Report 43-019-31449

\$651,539 \$120 \$651,659

Previous Cost Daily Cost Cum. Cost

SX SX

111	Servi	ices		Daily Collip	16110	11176	port	43-019~	31409
	Bloc	ck, Lease and Well N	lo.	Contract Rig	DOL	DFS	Date on Loca	ation Completion Date	Report Date
E	Crested	Junction - Federal M	ISC #26-1	Leed #692	85	85	3/22/200	5 Mar 22, 2005	Jun 15, 2005
MD	ΔΛΙ	Footage	AFE No.	AFE Amount	Auth. TD.		Cor	mpany Representative	
5268'	5268'	PBTD			l	8,224'		Jim Lander	
		Present Operati	on	Rig Phone:	43	5-285-23	36 <u>Toc</u>	olpusher	
		Pumping to tar	ik	Rig Fax:				Nat Guerrero	

5268'	TVD 5268'	Foota PB1		AFE	E No.		AFE Amo	<u>unt</u>	Auth. TD.	8,224'	•	Company	Representa		1 00111	
0200	0200	Present Operation Pumping to tank					Rig Phon	i 0 :	4	35-285-23	36	Toolpush	er			
		Pump	ing to tan	ik			Rig Fax:						Nat Guerrer	0		
	Weather	BLM \			NPDES			on Loc.:		Last BOP	Test Date			RIG ELEV	/ATIONS	
Wind: Seas:		✓ Yes Problem?	✓ No ✓ Yes) Sample	<u>Date</u>	_	rator		Nevt BOD	Test Date		RKB Water Dept		15	ft
Sky:		Problem?		Pass?	✓ Yes	□ No		rvice		Next BOP	Test Date		RKB-CHF	<u> </u>		ft
	RECORD															
·	Casing Str	ing	OD	Wt.	Grade	Conn.	Jts.	Run	Setting MD	Depth TVD	Line:	Top TVD	MW when Run	Pres	LOT	Leakoff?
Conduct	or		16"		LP			1	37'	37'	INIO	140	Air	•	CIVIVA	Leakon
Surface			9 5/8"	32.3	H40	STC		12	534'	534'			Air			
	iate/Produ iate/Produ		7"	26 23	L80 P110	LTC		56 14	6,839' 7,455'	6,839' 7,455'			8.8 8.8		<u> </u>	
Production			5"	18	P110	FJ		19	8224'	8224	7,381'	7,381'	8.7			
BIT, WE	IGHT, SPI	EED AND H	YDRAUL	ICS REC	CORD	L	L		l	<u>. </u>	<u> </u>				<u> </u>	
BIT		Bit Typ							Total				Avg		Grade	
No	Size	Manufa	cturer	Serial I	Number	J	ets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
	 															
Bit Re	emarks:						Cum. R	OT. Hrs	PU	Wt	so	Wt	ROT	Wt	To	que
Pump	7		<u> </u>					1		<u> </u>	<u> </u>	I		Slow	Pump Pres	sures
No.	Stroke	e X Liner	Output	SPM	GPM	Pre	ssure	JV	Pb		V	Speed	SPM	Pump #1	Pump #2	Pump #3
<u> </u>	2							DC	DP	1/4			-			
2	th: Description:			ļ				<u> </u>		3/4	 -					
вна						-										
Length:		Descrip	ption:											**		
													.,			
MUD DA	TA															
	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	рН	Pm	Pf/Mf
PIT	-	 		 									-			
		<u> </u>		L	I	<u> </u>			L	<u> </u>	1		l,		l	L
					Smpl	F.L. Temp	Chakas	Screens					<u> </u>			
PIT	Chi	lorides	Ca	3++	Temp	remp	#1	#2	Desand		lud Engine	er		<u> </u>	lud Compa	ny
	<u> </u>															
							#3	#4	Desilt	Mud CI	Daily	Cost		Cu	mulative C \$9,622	ost
DIRECT	IONAL SU	IRVEYS							·		·		!	1		
	ИD	TV	D	AN	GLE	Dire	ection	Coord	linates	V	'S	DL	-	CLOS	URE	
<u> </u>		┼──		 				-			-		<u> </u>			
OPERA	TIONS SU	MMARY							L	<u> </u>	1					
	IME TO			Boats:				oat Name:			·		Status:			
FROM 0600	TO 0600	HOUR	Code	Dumnir	a unit n	ımnina		oat Name:								
0000	0000	 		Ir umpin	ւց սոււ բւ	ALLIDILIU.		Daggior	od 53 bbl	c of water	No trac	o of	Status:	Time Su	mmon	
	·}	1		oil.			to tanks.	Recover	ed 53 bbl	s of water	. No trac	e of		Time Su		Cum.
		<u> </u>		oil.			to tanks.	Recover	ed 53 bbl	s of water	. No trac	e of	Acti	vity	mmary Daily	Cum. 7.5
					e tank ha			Recover		s of water	. No trac	e of	Acti 1. Mob/De 2. Cement	vity Mob		
<u> </u>					e tank ha					s of water	. No trac	e of	Acti 1. Mob/De 2. Cement 3. Circulate	wity Mob e		7.5
				Propan		as to be	filled ev	ery week.			. No trac	e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction	wity Mob e		7.5 2.5
				Propan		as to be	filled ev				. No trac	e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling	vity Mob e nal Work		7.5 2.5
				Propan		as to be	filled ev	ery week.			. No trac	e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi	vity Mob e nal Work		7.5 2.5
.,				Propan		as to be	filled ev	ery week.			. No trac	e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling	wity Mob e nal Work pe		7.5 2.5 17.5
				Propan		as to be	filled ev	ery week.			. No trac	e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing	Mob enal Work pe		7.5 2.5 17.5
				Propan		as to be	filled ev	ery week.			. No trac	e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Loge 9. Lost Circulate 10. Drill Cr	wity Mob e nal Work pe ging c. mt./LOT		7.5 2.5 17.5 34 22
				Propan		as to be	filled ev	ery week.			. No trac	e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Logs 9. Lost Cir 10. Drill Cr 11. N.U./ N	wity Mob e nal Work pe ging c. mt./LOT		7.5 2.5 17.5 34 22
				Propan		as to be	filled ev	ery week.			. No trac	e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Logs 9. Lost Cir 10. Drill Cr 11. N.U./ N 12. P.U./L	wity Mob e nal Work pe ging c. mt./LOT J.D. D. BHA		7.5 2.5 17.5 34 22 6
				Propan		as to be	filled ev	ery week.			. No trac	e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Loge 9. Lost Circ 10. Drill Cr 11. N.U./ N 12. P.U./L 13. P.U./L	pe ging c. mt./LOT J.D. D. BHA D. Pipe		7.5 2.5 17.5 34 22 6 1 22.5
				Propan		as to be	filled ev	ery week.			. No trac	e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Loge 9. Lost Cir 10. Drill Cr 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R	pe ging c. nt./LOT J.D. D. BHA D. Pipe		7.5 2.5 17.5 34 22 6 1 22.5 14.5
				Propan		as to be	filled ev	ery week.			. No trac	e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Logg 9. Lost Cir 10. Drill Cr 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re	pe ging c. mt./LOT J.D. D. BHA D. Pipe		7.5 2.5 17.5 34 22 6 1 22.5
				Propan		as to be	filled ev	ery week.			. No trac	e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Loge 9. Lost Cir 10. Drill Cr 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R	pe ging c. mt./LOT I.D. D. BHA D. Pipe //D pair asing		7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75
				Propan		as to be	filled ev	ery week.			. No trac	e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir. 10. Drill Cr 11. N.U./ N 12. P.U./L. 13. P.U./L. 14. R/U; R 15. Rig Re 16. Run Ci 17. Service 18. Sidetra	pe ging c. mt./LOT J.D. D. BHA D. Pipe //D pair asing e Rig ack Op.		7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75
				Propan		as to be	filled ev	ery week.			. No trac	e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Cr 11. N.U./ N 12. P.U./L. 13. P.U./L. 14. R/U; R 15. Rig Re 16. Run Ci 17. Service 18. Sidetra 19. Stuck I	pe ging c. mt./LOT J.D. D. BHA D. Pipe pair assing e Rig ack Op. Pipe		7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75
				Propan		as to be	filled ev	ery week.			. No trac	e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Cr 11. N.U./ N 12. P.U./L. 13. P.U./L. 14. R/U; R 15. Rig Re 16. Run Ci 17. Service 18. Sidetra 19. Stuck I 20. Survey	pe ging c. mt./LOT J.D. D. BHA D. Pipe pair assing e Rig ack Op. Pipe		7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75
				Propan		as to be	filled ev	ery week.			. No trac	e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir. 10. Drill Cr 11. N.U./ N 12. P.U./L. 13. P.U./L. 14. R/U; R 15. Rig Re 16. Run Ci 17. Service 18. Sidetra 19. Stuck I 20. Survey 21. Trips	pe ging c. mt./LOT J.D. D. BHA D. Pipe //D pair assing e Rig ack Op. Pipe		7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
				Propan		as to be	filled ev	ery week.			. No trac	e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Cr 11. N.U./ N 12. P.U./L. 13. P.U./L. 14. R/U; R 15. Rig Re 16. Run Ci 17. Service 18. Sidetra 19. Stuck I 20. Survey 21. Trips 22. Tst. BC	pe ging c. mt./LOT J.D. D. BHA D. Pipe pair assing e Rig ack Op. Pipe //		7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75
				Propan		as to be	filled ev	ery week.			. No trac	e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir. 10. Drill Cr 11. N.U./ N 12. P.U./L. 13. P.U./L. 14. R/U; R 15. Rig Re 16. Run Ci 17. Service 18. Sidetra 19. Stuck I 20. Survey 21. Trips	wity Mob e nal Work pe ging c. mt./LOT J.D. D. BHA D. Pipe //D pair asing e Rig ack Op. Pipe // Pipe // Pipe		7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
				Propan		as to be	filled ev	ery week.			. No trac	e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Cr 11. N.U./ N 12. P.U./L. 13. P.U./L. 14. R/U; R 15. Rig Re 16. Run Ci 17. Service 18. Sidetra 19. Stuck 20. Survey 21. Trips 22. Tst. BC 23. UR/HC	wity Mob e nal Work pe ging c. mt./LOT J.D. D. BHA D. Pipe //D pair asing e Rig ack Op. Pipe // Pipe // OPs		7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
				Propan		as to be	filled ev	ery week.			. No trac	e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Cr 11. N.U./ N 12. P.U./L. 13. P.U./L. 14. R/U; R 15. Rig Re 16. Run Ci 17. Service 18. Sidetra 19. Stuck I 20. Survey 21. Trips 22. Tst. BC 23. UR/HC 24. W.O.W 25. Wash 26. Well C	wity Mob e nal Work pe ging c. mt./LOT J.D. D. BHA D. Pipe //D pair asing e Rig ack Op. Pipe // COPS		7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
				Propan		as to be	filled ev	ery week.			. No trac	e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Circulate 10. Drill Cr 11. N.U./ N 12. P.U./L. 13. P.U./L. 14. R/U; R 15. Rig Re 16. Run Ci 17. Service 18. Sidetra 19. Stuck I 20. Survey 21. Trips 22. Tst. BC 23. UR/HC 24. W.O.W 25. Wash 26. Well C 27. WOC	wity Mob e nal Work pe ging c. mt./LOT J.D. D. BHA D. Pipe //D pair asing e Rig ack Op. Pipe // COPS		7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
				Propan		as to be	filled ev	ery week.			. No trac	e of	Acti 1. Mob/De 2. Cement 3. Circulate 4. Direction 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Cr 11. N.U./ N 12. P.U./L. 13. P.U./L. 14. R/U; R 15. Rig Re 16. Run Ci 17. Service 18. Sidetra 19. Stuck I 20. Survey 21. Trips 22. Tst. BC 23. UR/HC 24. W.O.W 25. Wash 26. Well C	wity Mob e nal Work pe ging c. mt./LOT J.D. D. BHA D. Pipe //D pair asing e Rig ack Op. Pipe // COPS		7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5

Bulk Material on Board Cement: Barite:

Rig Downtime

Daily Cum.

831

	PPI Tech Serv	nology ices	•		D					atior n Re		t	T21.	15 RI	19E .	S-W 9
	Blo	ck, Lease ar	nd Well N	ō.			Contract F	₹ia	DOL	DFS	Date on	Location	Completi	ion Date	Repor	rt Date
[E	. Crested	Junction - F	ederal M	SC #26-	1		Leed #69	12	86	86	3/22/	2005	Mar 22	, 2005	Jun 16	5, 2005
MD	TVD	Foota	ige	AFE	No.		AFE Amou	unt	Auth. TD.			Company	Representa	<u>tive</u>		
5268	5268'	PBT	'D							8,224'			Jim Lander			
	·	Presen	t Operation	on .			Rig Phon	e:	4	35-285-23	36	Toolpush	er		-	
l		Pumping	to 2nd to	ank			Rig Fax:						Nat Guerrero)		
Current	Weather	BLM \	/isit		NPDES		People	on Loc.:		Last BOP	Test Date			RIG ELEV	/ATIONS	
Wind:		√ Yes	√ No	LC50	Sample	Date	Ope	rator					RKB		15	ft
Seas:	find: Yes V No LC50						Cont	ractor		Next BOP	Test Date		Water Depti	h		ft
Sky:	ky: / No Pass?					No	Ser	vice		*** · · · · · · · · · · · · · · · · · ·			RKB-CHF			ft
CASING	RECORD															
(Casing Str	ing	QD	Wt.	Grade	Conn.	Jts.	Run	Setting	Depth	Line	Тор	MW when		LOT	
									MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?
Conducto	or		16"		LP			1	37'	37'	ľ		Air			
Surface			9 5/8"	32.3	H40	STC	1	2	534'	534'			Air			
Inermedi	ate/Produc	ction	7"	26	L80	LTC	1:	56	6,839'	6,839'			8.8			
Inermedi	ate/Produc	ction	7"	23	P110	LTC	1	4	7,455'	7,455'			8.8			
Production	on Liner		5"	18	P110	FJ	1	9	8224'	8224'	7,381'	7,3811	8.7			
								.,								
						<u> </u>	L		L					L		
	GHT, SPE	ED AND H		ICS REC	ORD					_						
BIT		Bit Type							Total			_	Avg		Grade	_
No	Size	Manufa	cturer	Serial	Number		lets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
												ļ				
	1	<u> </u>														L
Bit Re	marks:						Cum. R	OT. Hrs	PU	Wt	so	Wt	ROT	Wt	Tor	que
	,						<u> </u>	_			<u> </u>				<u></u>	
Pump No.	Ctrale	V Linns	Output	SPM	GPM	_{Pre}	ssure	JV	РЬ	۱ ,	v	Speed	SPM		Pump Pres	
140.	Stroke	X Liner		31-101	GFIVI	"	333UI 0	"	"	DC	I DP	1/4	J GF W	rump#1	Fump#2	Fully#3
1	1		gps			<u> </u>		<u> </u>	l	1 20	Dr.	1/2	 			-
	 					 						3/4		<u> </u>		

RHY		 	 	
Length:	Description:			

	MUD DA	ΓΑ														
1		WT.	VIS	PV	ΥP	GELS	WL	HTHP	CAKE	SLDS %	OIL %	SD %	MBT	pН	Pm	Pf/Mf
į	PIT															
i									1							

Chlorides	Ca++	Smpl Temp	F.L. Temp	Shaker	Screens	Но	urs Mi	ud Engineer	Mud Company
				#1	#2	Desand	Cent.		
 			L	#3	#4	Desilt	Mud CI	Daily Cost	Cumulative Cost

DIRECTIONAL SU	JRVEYS						
MD	TVD	ANGLE	Direction	Coordinates	VS	DL	CLOSURE
						Γ	
	 					 	
				<u> </u>	L		
OPERATIONS SU	MMARY						

TIN	VE .			Boats:	Supply Boat Name:		Status:		
FROM	TO	HOUR	Code		Crew Boat Name:		Status:		
0600	0600	24.0		Pumping unit p	umping to tanks. Recovered 46 bbls of wat	er. No trace of	Time Su	mmary	
				oil.			Activity	Daily	Cum
							1. Mob/DeMob		7.5
				One tank now f	ull of produced water		2. Cement		2.5
							3. Circulate		17.5
							4. Directional Work		
				Total recovery	since swabbing began on zone - 1053 bbls		5. Drilling		
							6. Drive Pipe		
							7. Fishing		34
							8. OH Logging		22
							9. Lost Circ.		
							10. Drill Cmt./LOT		
							11. N.U./ N.D.		6
							12. P.U./L.D. BHA		1
		,					13. P.U./L.D. Pipe		22.5
							14. R/U; R/D		14.5
			1				15. Rig Repair		26.7
							16. Run Casing		11.5
							17. Service Rig		
							18. Sidetrack Op.		
							19. Stuck Pipe		
							20. Survey		
							21. Trips		61.
							22. Tst. BOPs		2
							23. UR/HO		
			l				24. W.O.W.		
- ***							25. Wash & Ream		
							26. Well Control		
						 	27. WOC		
			1				28. Other		314.
				1	CONTRACTOR SECURIOR		Total		543.
Total	Hours	24.0						<u> </u>	
	wntime		Fuel U		Bulk Material on Board			,659	
Daily		Daily	ļ	Gals	Cement: sx			20	
Cum.		Cum.	8	31 Gals	Barite: sx	Cui	m. Cost \$65°	,779	



MSC Exploration

T219 R19E-576

<u> </u>	Tech Serv	nology ices	<i>t</i>		D	aily	y Co	mpĺ	etio	n Re	por	t	4	13-01	9-3,	
	Blo	ck, Lease a	nd Well N		4		Contract I		DOL 87	<u>DFS</u> 87		Location 2005	Completi	on Date	Repo	rt Date
MD	TVD	Junction - F			No.	ļ	AFE Amo		Auth. TD.	8/	3/22/		Mar 22 Representa		Jun 17	7, 2005
5268'	5268'	РВТ	'D							8,224'			Jim Lander			
			t Operati g to tank				Rig Phon Rig Fax:	ie:	4	35-285-23	36	Toolpush	<u>er</u> Nat Guerrerd	,		
		Fumpin	y to talk	#2			ININ I ax.					<u> </u>	Nat Oderreit	·		
	Weather	BLM '			NPDES		1 114 11	on Loc.:		Last BOP	Test Date			RIG ELEV		
Wind:		Yes Problem?	✓ No ✓ Yes	<u>LC50</u>) Sample	Date		rator		Nevt BOR	Test Date		RKB Water Depti		15	ft ft
Seas: Sky:		FIODIETTI		Pass?	✓ Yes	No		rvice		Next DOI	Test Date	1	RKB-CHF			ft
	RECORD															
	Casing Str	ing	OD	Wt.	Grade	Conn.	Jts.	Run	Setting MD	Depth TVD	Line:	Top TVD	MW when Run	Pres	LOT	Leakoff?
Conducto	or		16"		LP		<u> </u>	1	37'	37'	I WID	1,45	Air	7103	CIVITY	Ceakon
Surface			9 5/8"	32.3	H40	STC		12	534'	534'			Air			
	ate/Produ		7"	26 23	L80 P110	LTC		56 14	6,839' 7,455'	6,839' 7,455'	<u> </u>		8.8 8.8			
Productio			5"	18	P110	FJ		19	8224'	8224'	7,381	7,381	8.7			
						· ·										
BIT, WE	GHT, SPE	ED AND H	YDRAUL	ICS REC	CORD	l					<u>'</u>					L
BIT No	Size	Bit Typ Manufa		Seriel	Number		lets	Depth In	Total Footage	Hrs	WOB	Rpm	Avg ROP	Tooth	Grade Bearing	Gage
INU	3128	Iviaridia	Citarei	Sellai	Number	[1613	Depurm	Toolage	1113	1100	i Kpiti	1101	10001	Deaning	Oage
								107.11	- 6	144		140	503	144		
<u>Bit Re</u>	marks:						Cum. F	ROT. Hrs	PU	Wt	SU	Wt	ROT	VVt	1 Or	que
Pump							<u> </u>		~						Pump Pres	
No.	Stroke	e X Liner	Output gps	SPM	GPM	Pre	essure	JV	Pb	DC	DP	Speed 1/4	SPM	Pump#1	Pump #2	Pump #3
1			300	<u> </u>	<u> </u>						1	1/2				
2											<u></u>	3/4				
BHA Length:		Descri	otion:													
Longu.																
MUD DA	TA															
MODUA	WT.	VIS	PV	YP	GELS	WL	нтнр	CAKE	SLDS %	LGS %	OIL %	SD %	мвт	рН	Рm	Pf/Mf
PIT																
		<u> </u>		<u> </u>	<u> </u>				Ĺ	İ	<u> </u>	<u> </u>	<u> </u>	<u> </u>		J
	Γ		Τ		Smpl	F.L.	T		<u> </u>				1	1		
	Chi	orides	Ca	1++	Temp	Temp		Screens			lud Engine	er		М	ud Compa	ny
PIT	ļ				 	-	#1	#2	Desand	Cent.	1					
	L		<u>. </u>	-	<u> </u>		#3	#4	Desilt	Mud Cl	Daily	Cost		Cu	mulative C	ost
DIRECTI	ONAL SL	IRVEYS		-				l		<u> </u>				1	\$9,622	
				4.5												
	1D	TV	D	AN	GLE	Dir	ection	Coord	linates	\	/S	DL		CLOS	URE	
	MD_	TV	D	AN	IGLE	Dir	ection	Coord	inates	\	/S	DL		CLOS	URE	
OPERAT	IONS SU		D	AN	IGLE	Dir	ection	Coord	linates		/S	DL		CLOS	URE	
TI	IONS SU	MMARY	Time	Boats:	IGLE	Dir	Supply B	oat Name:			/S	DL	Status:	CLOS	URE	
TI FROM	IONS SU			Boats:			Supply B Crew B	oat Name:					Status: Status:			
TI	IONS SU	MMARY	Time	Boats:			Supply B Crew B	oat Name:						Time Su		Cum.
TI FROM	IONS SU	MMARY	Time	Boats:			Supply B Crew B	oat Name:					Status:	Time Şu	ımmary	Cum. 7.5
TI FROM	IONS SU	MMARY	Time	Boats:			Supply B Crew B	oat Name:					Status: Act 1. Mob/De 2. Cement	Time Suivity	ımmary	7.5 2.5
TI FROM	IONS SU	MMARY	Time	Boats:			Supply B Crew B	oat Name:					Status: Act 1. Mob/De 2. Cement 3. Circulat	Time Su ivity Mob	ımmary	7.5
TI FROM	IONS SU	MMARY	Time	Boats: Pumpir	ng unit p	umping	Supply B Crew B to tanks.	oat Name: oat Name: . Recover	red 40 bbl	s of water			Act 1. Mob/De 2. Cement 3. Circulat 4. Directio	Time Su ivity Mob	ımmary	7.5 2.5
TI FROM	IONS SU	MMARY	Time	Boats: Pumpir	ng unit p	umping	Supply B Crew B to tanks.	oat Name:	red 40 bbl	s of water			Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling	Time Su ivity Mob : e nal Work	ımmary	7.5 2.5
TI FROM	IONS SU	MMARY	Time	Boats: Pumpir	ng unit p	umping	Supply B Crew B to tanks.	oat Name: oat Name: . Recover	red 40 bbl	s of water			Act 1. Mob/De 2. Cement 3. Circulat 4. Directio	Time Su ivity Mob : e nal Work	ımmary	7.5 2.5
TI FROM	IONS SU	MMARY	Time	Boats: Pumpir	ng unit p	umping	Supply B Crew B to tanks.	oat Name: oat Name: . Recover	red 40 bbl	s of water			Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log	Time Su ivity Mob e nal Work ipe	ımmary	7.5 2.5 17.5
TI FROM	IONS SU	MMARY	Time	Boats: Pumpir	ng unit p	umping	Supply B Crew B to tanks.	oat Name: oat Name: . Recover	red 40 bbl	s of water			Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir	Time Su ivity Mob e nal Work pe ging c.	ımmary	7.5 2.5 17.5
TI FROM	IONS SU	MMARY	Time	Boats: Pumpir	ng unit p	umping	Supply B Crew B to tanks.	oat Name: oat Name: . Recover	red 40 bbl	s of water			Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C	Time Suivity Mob e nal Work ipe ging c. mt./LOT	ımmary	7.5 2.5 17.5 34 22
TI FROM	IONS SU	MMARY	Time	Boats: Pumpir	ng unit p	umping	Supply B Crew B to tanks.	oat Name: oat Name: . Recover	red 40 bbl	s of water			Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./	Time Suivity Mob e nal Work pe ging c. mt./LOT	ımmary	7.5 2.5 17.5
TI FROM	IONS SU	MMARY	Time	Boats: Pumpir	ng unit p	umping	Supply B Crew B to tanks.	oat Name: oat Name: . Recover	red 40 bbl	s of water			Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C	Time Suivity Mob e nal Work pe ging c. mt./LOT N.D.	ımmary	7.5 2.5 17.5 34 22
TI FROM	IONS SU	MMARY	Time	Boats: Pumpir	ng unit p	umping	Supply B Crew B to tanks.	oat Name: oat Name: . Recover	red 40 bbl	s of water			Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ N 12. P.U./L 13. P.U./L	Time Suivity Mob ie enal Work ipe ging c. mt./LOT I.D. D. BHA D. Pipe	ımmary	7.5 2.5 17.5 34 22 6 1 22.5 14.5
TI FROM	IONS SU	MMARY	Time	Boats: Pumpir	ng unit p	umping	Supply B Crew B to tanks.	oat Name: oat Name: . Recover	red 40 bbl	s of water			Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re	Time Suivity Mob e nal Work pe ging c. mt./LOT N.D. D. BHA D. Pipe	ımmary	7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75
TI FROM	IONS SU	HOUR	Time	Boats: Pumpir	ng unit p	umping	Supply B Crew B to tanks.	oat Name: oat Name: . Recover	red 40 bbl	s of water			Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C	Time Suivity Mob e nal Work pe ging c. mt./LOT N.D. D. BHA D. Pipe depair asing	ımmary	7.5 2.5 17.5 34 22 6 1 22.5 14.5
TI FROM	IONS SU	HOUR	Time	Boats: Pumpir	ng unit p	umping	Supply B Crew B to tanks.	oat Name: oat Name: . Recover	red 40 bbl	s of water			Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re	Time Suivity Mob e nal Work pe ging c. mt./LOT V.D. D. BHA D. Pipe d/D epair asing e Rig	ımmary	7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75
TI FROM	IONS SU	HOUR	Time	Boats: Pumpir	ng unit p	umping	Supply B Crew B to tanks.	oat Name: oat Name: . Recover	red 40 bbl	s of water			Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Service	Time Suivity Mob e nal Work pe ging c. mt./LOT N.D. D. BHA D. Pipe depair asing e Rig ack Op.	ımmary	7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75
TI FROM	IONS SU	HOUR	Time	Boats: Pumpir	ng unit p	umping	Supply B Crew B to tanks.	oat Name: oat Name: . Recover	red 40 bbl	s of water			Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Servic 18. Sidetra 19. Stuck 20. Surve	Time Suivity Mob e nal Work pe ging c. mt./LOT N.D. D. BHA D. Pipe dipair asing e Rig ack Op. Pipe	ımmary	7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
TI FROM	IONS SU	HOUR	Time	Boats: Pumpir	ng unit p	umping	Supply B Crew B to tanks.	oat Name: oat Name: . Recover	red 40 bbl	s of water			Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Servic 19. Stuck 20. Survey 21. Trips	Time Suivity Mob e nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe t/D epair asing e Rig ack Op. Pipe	ımmary	7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
TI FROM	IONS SU	HOUR	Time	Boats: Pumpir	ng unit p	umping	Supply B Crew B to tanks.	oat Name: oat Name: . Recover	red 40 bbl	s of water			Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Servic 18. Sidetra 19. Stuck 20. Surve 21. Trips 22. Tst. Be	Time Suivity Mob e nal Work pe ging c. mt./LOT N.D. D. BHA D. Pipe VD epair asing e Rig ack Op. Pipe	ımmary	7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
TI FROM	IONS SU	HOUR	Time	Boats: Pumpir	ng unit p	umping	Supply B Crew B to tanks.	oat Name: oat Name: . Recover	red 40 bbl	s of water			Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Servic 19. Stuck 20. Survey 21. Trips	Time Suivity Mob e nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe V/D epair asing e Rig ack Op. Pipe /	ımmary	7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
TI FROM	IONS SU	HOUR	Time	Boats: Pumpir	ng unit p	umping	Supply B Crew B to tanks.	oat Name: oat Name: . Recover	red 40 bbl	s of water			Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Servic 18. Sidetra 19. Stuck 20. Surve 21. Trips 22. Tst. Be 23. UR/HC	Time Suivity Mob e nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe VD epair asing e Rig ack Op. Pipe / OPs OV.	ımmary	7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
TI FROM	IONS SU	HOUR	Time	Boats: Pumpir	ng unit p	umping	Supply B Crew B to tanks.	oat Name: oat Name: . Recover	red 40 bbl	s of water			Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Servic 19. Stuck 20. Surve 21. Trips 22. Tst. Be 23. UR/HC 24. W.O.V 25. Wash 26. Well C	Time Suivity Mob e nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe VD epair asing e Rig eck Op. Pipe / OPs OV. & Ream	ımmary	7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
TI FROM	IONS SU	HOUR	Time	Boats: Pumpir	ng unit p	umping	Supply B Crew B to tanks.	oat Name: oat Name: . Recover	red 40 bbl	s of water			Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Servic 19. Stuck 20. Surve 21. Trips 22. Tst. Be 23. UR/HC 24. W.O.V 25. Wash 26. Well C 27. WOC	Time Suivity Mob e nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe VD epair asing e Rig eck Op. Pipe / OPs OV. & Ream	ımmary	7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
TI FROM	IONS SU	HOUR	Time	Boats: Pumpir	ng unit p	umping	Supply B Crew B to tanks.	oat Name: oat Name: . Recover	red 40 bbl	s of water			Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Servic 19. Stuck 20. Surve 21. Trips 22. Tst. Be 23. UR/HC 24. W.O.V 25. Wash 26. Well C 27. WOC 28. Other	Time Suivity Mob e nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe VD epair asing e Rig eck Op. Pipe / OPs OV. & Ream	ımmary	7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
TI FROM 0600	IONS SU	HOUR	Time	Boats: Pumpir	ng unit p	umping	Supply B Crew B to tanks.	oat Name: oat Name: . Recover	red 40 bbl	s of water			Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./N 12. P.U./L 13. P.U./L 14. R/U; R 15. Rig Re 16. Run C 17. Servic 19. Stuck 20. Surve 21. Trips 22. Tst. Be 23. UR/HC 24. W.O.V 25. Wash 26. Well C 27. WOC	Time Suivity Mob e nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe VD epair asing e Rig eck Op. Pipe / OPs OV. & Ream	ımmary	7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5



PPI MSC Exploration Tals RIGE Sale Technology Daily Completion Penert

	Servi				ַ						por				-314	
	Bloc	k, Lease ar Junction - F			1		Contract F	_	DOL 88	<u>DFS</u> 88	Date on t		Completi Mar 22	on Date	Repor Jun 18	t Date
MD	TVD	Foota	ige		No.		AFE Amou		Auth. TD.				Representa			,
5268'	5268'	PBT	D t Operation	<u> </u>		L	Rig Phone	ο.	43	8,224' 35-285-23	36	Toolpush	Jim Lander			
			ng to tan				Rig Fax:						Nat Guerrero	I		
Current	Weather I	BLM \	/isit		NPDES		People	on Loc.:		Last BOP	Test Date		<u> </u>	RIG ELEV	ATIONS	
Wind:		Yes	☐ No	LC50) Sample	<u>Date</u>	Оре	rator					ŔKB			ft
Seas: Sky:		Problem?	☐ Yes	Pass?	Yes	□No		ractor vice		Next BOL	Test Date		Water Depth RKB-CHF) 		ft
CASING	RECORD							- ·	0-11-	Ď 4h	1 (T	[AdM video		LOT	
(Casing Stri	ng	OD	Wt.	Grade	Conn.	Jts.	Run	Setting MD	TVD	Liner MD	TVD	MW when Run	Pres	LOT EMW	Leakoff?
Conducto	ır		16"	32.3	LP H40	STC		2	37' 534'	37' 534'			Air Air			
Surface Inermedia	ate/Produc	tion	9 5/8" 7"	26	L80	LTC	1:	56	6,839'	6,839'			8.8			
Inermedia Productio	te/Produc	tion	7" 5"	23 18	P110 P110	LTC FJ		9	7,455' 8224'	7,455' 8224'	7,381'	7,381'	8.8 8.7			
rioduciio	III EIIIOI													-		
BIT, WEI	GHT, SPE	ED AND H	YDRAUL	ICS REC	CORD	L	L									
BIT No	Size	Bit Type Manufa	e and		Number		ets	Depth In	Total Footage	Hrs	WOB	Rpm	Avg ROP	Tooth	Grade Bearing	Gage
140	OIZE	THE THE PERSON NAMED IN COLUMN 1	J	Conta	TTO TO TO											
Bit Re	marks:						Cum. R	OT. Hrs	PU	Wt	SO	Wt	ROT	Wt	· Tor	que
					1	r		1			<u> </u>			Slow	Pump Pres	sures
Pump No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	1/	Pb		4V	Speed	SPM	Pump #1	Pump #2	Pump #3
1			gps		1	 				DC	DP	1/4				
2	<u> </u>											3/4		· · · · · · · · · · · · · · · · · · ·		
BHA Length:		Descrip	otion:													
Longin												_				
MUD DA	TA															
	WT.	VIS	PV	ΥP	GELS	WL	HTHP [†]	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	рΗ	Pm	Pf/Mf
PIT	-												<u> </u>			
	· · · · · · · · · · · · · · · · · · ·				Smpl	F.L.	1		T				1	<u> </u>		
	Chl	orides	Ca	1++	Temp	Temp		Screens			Mud Engine	er		N.	lud Compa	ny
PIT	-					<u> </u>	#1	#2	Desand	Cent.	1					
							#3	#4	Desilt	Mud CI	Daily	Cost		Cı	umulative C \$9,622	ost
	ONAL SU	RVEYS	n.	I AN	IGLE	Dir	ection	Coor	dinates	,	vs	DL	1	CLOS	SURF	
				, <u>, , , , , , , , , , , , , , , , , , </u>												
OPERAT	TIONS SU	MMARY				<u> </u>			<u> </u>	<u> </u>			<u>!</u>		,	
TI	ME		Time	Boats:				oat Name					Status: Status:			
FROM 0600	TO 0600	HOUR	Code	Pumpi	na unit p	umpina				s of wate	r. No trac	e of	Status.	Time St	ummary	
				oil.									Act	vity	Daily	Cum.
	 		 	-								-	1. Mob/De 2. Cement			7.5 2.5
		-											3. Circulat			17.5
													4. Directio	nal Work		
	 	-	1	Total n	ecovery	since s	wabbing	began on	zone - 11	129 bbis			5. Drilling 6. Drive P	pe		
			<u> </u>										7. Fishing			34
<u> </u>	 		 	-			-						8. OH Log 9. Lost Cir		·	22
 													10. Drill C			
				 									11. N.U./ I			6
<u> </u>		 	 	\vdash							-		12. P.U./L 13. P.U./L		 	22.5
													14. R/U; F	VD.		14.5
			 	<u> </u>									15. Rig Re 16. Run C		-	26.75 11.5
 -	ļ		 	-									16. Run C		<u> </u>	11.5
													18. Sidetra	ack Op.		
<u> </u>		 	 	1									19. Stuck 20. Surve		-	-
		<u> </u>			······································				·				21. Trips			61.5
			1			•							22. Tst. B			2
<u> </u>	1	 	-	1 -									23. UR/H0 24. W.O.V		-	
													25. Wash	& Ream		
				 									26. Well C	Control	<u> </u>	
-	+		<u> </u>	 			·						27. WOC 28. Other		 	314.25
	1			1									Total			543.5
	l Hours owntime		Fuel	Jsage		Bulk N	faterial on	Board				Previou	s Cost	\$65	1,899	
Daily	I	Daily			Gals	Ceme	nt:			sx		Daily Co	ost	\$2	2,440	
Cum.	1	Cum.	1 (331	Gals	Barite				SX		Cum. C	UŠL	200	54,339	



MSC Exploration T 219 R19E 5-26

m	Servi	ces			U	alij	/ Co	mpi	etio	n Ke	hoı	τ	43-0	17-3	1707	
	Bloc	k. Lease ar					Contract R	lig	DOL	DFS	Date on	Location	Completi	on Date	Repor	t Date
MD E.	Crested TVD	Junction - F			1 E No <u>.</u>		Leed #69 AFE Amou		89 Auth. TD.	89	3/22	2005 Company	Mar 22 Representa	·	Jun 19	, 2005
5268'	5268'	PBT	D							8,224'			Jim Lander			<u> </u>
		_	t Operati				Rig Phone	e:	43	35-285-233	36	Toolpush	er Nat Guerrero	·		
		Pumpin	g to tank	#Z			Rig Fax:						. var Guerrer			
Current \	Weather	BLM \			NPDES		People			Last BOP	Test Date		lave.	RIG ELEV		
Wind:		∐ Yes	☐ No	LC50	Sample	<u>Date</u>	Ope			Next BOP	Test Date		RKB Water Depti	<u></u>		ft
Seas:		Problem?	☐ Yes	Pass?	Yes	No	Ser			THEAT DOI	TOST DUT		RKB-CHF			ft
CASING I	RECORD											-	1 4 50 44 1			
С	asing Stri	ng	OD	Wt.	Grade	Conn.	Jts.	Run	Setting MD	Depth TVD	MD Line	r Top TVD	MW when Run	Pres	LOT	Leakoff?
Conducto	г		16"		LP			1	37'	37'			Air			
Surface	(Dd	41	9 5/8" 7"	32.3 26	H40 L80	STC		2 56	534' 6,839'	534' 6,839'		<u> </u>	Air 8.8			
	te/Produc		7"	23	P110	LTC	1		7,455'	7,455			8.8			
Production	n Liner		5"	18	P110	FJ	1	9	8224'	8224'	7,381'	7,381'	8.7			
			-													
	GHT, SPE	ED AND H		ICS RE	CORD				Total		 		Avg	Y	Grade	
BIT No	Size	Bit Type Manufa		Serial	Number		lets	Depth In	Total Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
Bit Rer	marks:					l	Cum. R	OT. Hrs	PU	Wt .	SC) Wt	ROT	Wt	Tor	que
						,							ļ	l Claus	Duran Dua	
Pump No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	J۷	Pb	ļ ,	٩V	Speed	SPM	Pump #1	Pump Pres Pump #2	Pump #3
	000		gps							DC	DP	1/4				
1 2				ļ	 						1	1/2 3/4	-			
BHA	l		Ł	<u> </u>		1		<u> </u>		l	<u> </u>				1	
Length:		Descri	otion:													
, <u> </u>																
MUD DA	TA						,									
	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	pН	Pm	Pf/Mf
PIT			ļ	 						-	 	 				
	Chl	orides	l c	a++	Smpl	F.L. Temp	Shaker	Screens	Ho	ours M	/lud Engin	eer		N	/lud Compa	пу
PIT							#1	#2	Desand	Cent.					<u></u>	
	L		l		i	<u> </u>	#3	#4	Desilt	Mud Cl	Dail	y Cost	1	Cı	umulative C	Cost
													T		\$9,622	
							L		1				1	<u> </u>	#3,UZZ	
	ONAL SU		Ď	I AN	NGLE	l Dir	ection	Coor	dinates	· · · · · ·	Vs	DL	<u> </u>	CLOS		
	ONAL SU	RVEYS	D	I AN	NGLE	Dir	ection	Coor	dinates	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	vs	DL		CLOS		
Ň	/ID	TV	D	1A	NGLE	Dir	ection	Coor	dinates	\	vs	DL		CLOS		
OPERAT	TIONS SU	TV MMARY	Time	And Boats:	NGLE] Dir	Supply B	oat Name			vs	DL	Status:	CLOS		
OPERAT TII FROM	TIONS SU ME TO	TV		Boats:			Supply B Crew B	oat Name					Status: Status:		SURE	
OPERAT	TIONS SU	TV MMARY	Time	Boats:			Supply B Crew B	oat Name					Status:			Cum.
OPERAT TII FROM	TIONS SU ME TO	TV MMARY	Time	Boats:			Supply B Crew B	oat Name					Status: Act	Time Sivity	SURE	7.5
OPERAT TII FROM	TIONS SU ME TO	TV MMARY	Time	Boats:			Supply B Crew B	oat Name					Status: Act 1. Mob/De 2. Cemen	Time Si ivity eMob	SURE	7.5 2.5
OPERAT TII FROM	TIONS SU ME TO	TV MMARY	Time	Boats:			Supply B Crew B	oat Name					Act 1. Mob/De 2. Cemen 3. Circular	Time Si ivity Mob t	SURE	7.5
OPERAT TII FROM	TIONS SU ME TO	TV MMARY	Time	Boats: Pumpi oil.	ing unit p	umping	Supply B Crew B to tanks.	oat Name oat Name Recove	red 38 bbl	s of wate			Act 1. Mob/De 2. Cemen 3. Circulat 4. Direction	Time Si ivity Mob t	SURE	7.5 2.5
OPERAT TII FROM	TIONS SU ME TO	TV MMARY	Time	Boats: Pumpi oil.	ing unit p	umping	Supply B Crew B to tanks.	oat Name oat Name Recove		s of wate			Act 1. Mob/De 2. Cemen 3. Circular	Time Si sivity sMob t te snal Work	SURE	7.5 2.5
OPERAT TII FROM	TIONS SU ME TO	TV MMARY	Time	Boats: Pumpi oil.	ing unit p	umping	Supply B Crew B to tanks.	oat Name oat Name Recove	red 38 bbl	s of wate			Act 1. Mob/De 2. Cernen 3. Circulat 4. Directic 5. Drilling 6. Drive P 7. Fishing	Time Si sivity Mob t te nal Work	SURE	7.5 2.5 17.5
OPERAT TII FROM	TIONS SU ME TO	TV MMARY	Time	Boats: Pumpi oil.	ing unit p	umping	Supply B Crew B to tanks.	oat Name oat Name Recove	red 38 bbl	s of wate			Act 1. Mob/De 2. Cernen 3. Circulat 4. Directic 5. Drilling 6. Drive P 7. Fishing 8. OH Log	Time Si sivity Mob t te nal Work ipe	SURE	7.5 2.5 17.5
OPERAT TII FROM	TIONS SU ME TO	TV MMARY	Time	Boats: Pumpi oil.	ing unit p	umping	Supply B Crew B to tanks.	oat Name oat Name Recove	red 38 bbl	s of wate			Act 1. Mob/De 2. Cernen 3. Circulat 4. Directic 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Ci	Time Si eivity Mob te inal Work ipe	SURE	7.5 2.5 17.5
OPERAT TII FROM	TIONS SU ME TO	TV MMARY	Time	Boats: Pumpi oil.	ing unit p	umping	Supply B Crew B to tanks.	oat Name oat Name Recove	red 38 bbl	s of wate			Act 1. Mob/De 2. Cernen 3. Circulat 4. Directic 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Ci 10. Drill C	Time Si eivity eMob t te enal Work ipe eging rc. mt./LOT	SURE	7.5 2.5 17.5
OPERAT TII FROM	TIONS SU ME TO	TV MMARY	Time	Boats: Pumpi oil.	ing unit p	umping	Supply B Crew B to tanks.	oat Name oat Name Recove	red 38 bbl	s of wate			Act 1. Mob/De 2. Cernen 3. Circulat 4. Directic 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Ci	Time Si eivity eMob t te enal Work ripe aging rc. mt./LOT N.D.	SURE	7.5 2.5 17.5 34 22
OPERAT TII FROM	TIONS SU ME TO	TV MMARY	Time	Boats: Pumpi oil.	ing unit p	umping	Supply B Crew B to tanks.	oat Name oat Name Recove	red 38 bbl	s of wate			Act 1. Mob/De 2. Cernen 3. Circulat 4. Directic 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Ci 10. Drill C 11. N.U./ 12. P.U./L 13. P.U./L	Time Sicivity eMob t te inal Work ripe gging rc. mt./LOT N.DD. BHA	SURE	7.5 2.5 17.5 34 22 6 1 22.5
OPERAT TII FROM	TIONS SU ME TO	TV MMARY	Time	Boats: Pumpi oil.	ing unit p	umping	Supply B Crew B to tanks.	oat Name oat Name Recove	red 38 bbl	s of wate			Act 1. Mob/De 2. Cernen 3. Circulat 4. Directic 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Ci 10. Drill C 11. N.U./ 12. P.U./L 13. P.U./L 14. R/U; F	Time Sicivity eMob t te inal Work ripe gging rc. mt./LOT N.DD. BHAD. Pipe	SURE	7.5 2.5 17.5 34 22 6 1 22.5 14.5
OPERAT TII FROM	TIONS SU ME TO	TV MMARY	Time	Boats: Pumpi oil.	ing unit p	umping	Supply B Crew B to tanks.	oat Name oat Name Recove	red 38 bbl	s of wate			Act 1. Mob/De 2. Cernen 3. Circulat 4. Directic 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Ci 10. Drill C 11. N.U./ 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig R	Time Sinvity Mob tee Inal Work ipe Igging Irc. Int./LOT N.D. D. BHA I.D. Pipe RVD Epair	SURE	7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75
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MSC Exploration Tals RIGE STA

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	Blog	ck, Lease a Junction - F		_	1		Contract Leed #69		<u>DOL</u> 90	<u>DFS</u> 90		Location /2005	Complet Mar 22	ion Date	Repo	rt Date 0, 2005
MD	TVD	Foota	age		No.		AFE Amo		Auth, TD.				y Representa	ative		-,
5268'	5268'	PBT Presen	t Operati	on			Rig Phon	ne:	4	8,224' 35-285-23	36	Toolpush	Jim Lander ner		·····	
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Current	Weather	BLM'	Visit		NPDES		People	on Loc.:		Last BOP	Test Date		T	RIG ELE	VATIONS	
Wind:		Yes	☐ No	LC50) Sample	<u>Date</u>	— ·	erator		Next BOD	Test Date		RKB	_	15	ft
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	RECORD Casing Str		I OD	Wt.	Grade	Conn.	l ite	Run	Setting	Depth	Line	r Top	MW when	T	LOT	
<u>'</u>	casing str	ing		VVI.		Com.	J.G.	, Turi	MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?
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No.	Stroke	X Liner	Output gps	SPM	GPM	Pre	essure	JV	Pb	DC	AV DP	Speed 1/4	SPM	Pump #1	Pump #2	Pump #3
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Length:		Descri	ption:													
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	TIONS SU IME	MMARY	Time	Boats:			Supply B	oat Name:					Status:			
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	<u> </u>												19. Stuck			
			1	ļ									20. Surve	у		
 	 			 			· · ·						21. Trips 22. Tst. B	OPs		61.5
			!								_		23. UR/H			
ļ	-		-										24. W.O.V		ļ	
			1	\vdash									25. Wash 26. Well 0		 	
													27. WOC			
	1	<u> </u>		<u> </u>									28. Other			314.25
	l Hours			<u> </u>									Total		1	543.5
Rig D Daily	owntime	Daily	Fuel U	Jsage	Gals	Bulk M Cemer	laterial on nt:	Board		sx		Previous Daily Co			54,459 120	
Cum.	+	Cum.		331	Gals	Barite				SX		Cum. C			54 579	



MSC Exploration Daily Completion Repor

T215R19E 5-26 43-019-31409

					D						epor		43	5-019.	-3140	19
Е		ck, Lease ar Junction - F			1	í	Contract F Leed #69		<u>DOL</u> 91	<u>DFS</u> 91	Date on 3/22/		Complet Mar 22	on Date	Repo	rt Date 1, 2005
MD	TVD	Foota	age		No.		AFE Amo		Auth. TD.	!			Representa		1	
5268'	5268'	Presen	D t Operati	on			Rig Phon	e:	4	8,224' 35-285-23	36	Toolpush	Jim Lander er			
			g to tank				Rig Fax:						Nat Guerrer)		
Current	Weather	BLM V	√isit		NPDES		People	on Loc.:		Last BOP	Test Date			RIG ELE	VATIONS	
Wind:		Yes	∐ No	<u>LC50</u>) Sample	<u>Date</u>	Оре	erator					RKB		15	ft
Seas: Sky:		Problem?	☐ Yes	Pass?	Yes	□No		ractor vice		Next BOF	P Test Date		Water Dept	<u>, , , , , , , , , , , , , , , , , , , </u>		ft
	RECORD	<u> </u>		1 455.						<u> </u>						
	Casing Str	ing	QO	Wt.	Grade	Conn.	Jts.	Run	Setting MD	Depth TVD	Liner MD	Top TVD	MW when Run	Pres	LOT	Leakoff?
Conducto	or .	<u> </u>	16"		LP			1	37'	37'	IVIO	, , , ,	Air	1103		Locken
Surface	ate/Produ	ntion	9 5/8"	32.3 26	H40 L80	STC		56	534' 6.839'	534' 6,839'			Air 8.8			
	ate/Produ		7"	23	P110	LTC	1	14	7,455'	7,455'	1		8.8			
Productio	n Liner		5"	18	P110	FJ	1	19	8224'	8224'	7,381'	7,381'	8.7		ļ	<u> </u>
											1					
BIT, WEI	GHT, SPE	ED AND H		ICS RE	CORD	t		l	Total	F	1	<u> </u>	Avg	T	Grade	-
No	Size	Manufa		Serial	Number		lets	Depth In	Footage	Hrs	WOB	Rpm	ROP	Tooth	Bearing	Gage
	-	-				-					-				<u></u>	
Bit Re	marks:						Cum. F	OT. Hrs	PU	l Wt	so	Wt	ROT	r Wt	То	rque
Pump	Ι		T			Γ		<u> </u>		T	.1	l			Pump Pre	
No.	Stroke	3 X Liner	Output	SPM	GPM	Pre	essure	JV	Pb	DC /	AV DP	Speed 1/4	SPM	Pump #1	Pump #2	Pump #3
1			gps		<u> </u>					- 00	5,	1/2				
2					l							3/4			<u> </u>	
BHA Length:		Descri	ption:													
																·
MUD DA	TA															
	WT.	VIS	PV	ΥP	GELS	WL	нтнр	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	рН	Pm	Pf/Mf
PIT						ļ	-	 	 	ļ	<u> </u>		ļ		ļ	
		<u> </u>	J					·	<u> </u>	<u> </u>			<u> </u>			
	Ch	orides	C	3++	Smpl Temp	F.L. Temp	Shaker	Screens	l He	ours I	Mud Engine	er		,	Mud Compa	пу
PIT							#1	#2	Desand							
		•	<u> </u>		l		#3_	#4	Desilt	Mud Cl	Daily	Cost]	С	umulative (Cost
DIDECT	ONAL SU	DVEVE								1					\$9,622	
	MD	TV	'D	AN	IGLE	Dir	ection	Coor	dinates		VS	DL	Ī	CLO:	SURE	
										<u> </u>						
OPERAT	TIONS SU	MMARY		<u> </u>		<u> </u>			<u> </u>							
FROM	ME TO	HOUR	Time Code	Boats:				oat Name: oat Name:				-	Status: Status:			
0600	0600	1.55.1	-	Pumpi	ng unit p	umping	to tanks.	Recove	red 38 bb	ls of wate	er. No trac	e of		Time S	ummary	
				oil.									-	ivity	Daily	Cum.
	-	<u> </u>	 	}									1. Mob/De 2. Cemen		 	7.5 2.5
	1	1	1	!									3. Circulat			17.5
													4. Direction	nal Work		
			\vdash	Total r	ecovery	since s	wabbing	began on	zone - 1	243 bbls			5. Drilling 6. Drive P	ine	 	
	1	 	 	ļ							· · · · ·		7. Fishing			34
	1		<u> </u>										8. OH Log	ging		22
<u> </u>	-	-	 	 							. .		9. Lost Cir 10. Drill C		1	+
<u> </u>	+ -		1										11. N.U./			6
		1											12. P.U./L	.D. BHA		1
	-	ļ	ļ	 						—			13. P.U./L 14. R/U; F		+	22.5 14.5
	+	 	1	1									15. Rig R			26.75
	1												16. Run C	asing		11.5
		1	ļ	1									17. Servic		<u> </u>	<u> </u>
	 	 	1	 									18. Sidetr 19. Stuck		1	
	1	1		1									20. Surve			
ļ	ļ	ļ	ļ	ļ							·		21. Trips	ODe	ļ	61.5
	1		1	1									22. Tst. B 23. UR/H		 	2
													24. W.O.V			
	<u> </u>								. —				25. Wash			
	1			1									26. Well 0 27. WOC		 	+
	1	<u> </u>	1	1									28. Other		<u> </u>	314.25
			ļ										Total			543.5
	l Hours owntime		Fuel	Jsage	·	Bulk N	faterial on	Board				Previou	s Cost	\$6	54,579	
Daily	Ţ	Daily		331	Gals Gals	Ceme Barite	nt:			SX		Daily Co	ost		120	
Cum.	1	Cum.		ا د د	Gais	[parite				SX		Cum. C	UST	\$6	54,699	



MSC Exploration Daily Completion Report

Talsr185506 43-019-31409

	Servi	ces		Jany Comp	nelio	11176	port	75-019-	31907
	Bloc	k, Lease and Well N	lo.	Contract Rig	DOL	<u>DFS</u>	Date on Location	Completion Date	Report Date
E.	Crested .	Junction - Federal M	ISC #26-1	Leed #692	92	92	3/22/2005	Mar 22, 2005	Jun 22, 2005
MD	TVD	Footage	AFE No.	AFE Amount	Auth, TD.		Compar	v Representative	******
5268'	5268'	PBTD	İ			8,224		Jim Lander	
		Present Operati	on	Rig Phone:	4:	35-285-23	36 <u>Toolpus</u>	her	
		Pumping to tank	#2	Rig Fax:				Nat Guerrero	
									

		-	t Operations g to tank				Rig Phone	0 .	71	35-265-233		Looipusn	Nat Guerrero)		
Current \	Veather	BLM \	/isit		NPDES		People	on Loc.:		Last BOP	Test Date		l	RIG ELEV	ATIONS	
Wind:		✓ Yes	√ No	LC50	Sample	<u>Date</u>		rator					RKB		15	ft
Seas:		Problem?	✓ Yes	Pass?	✓ Yes	□No		ractor rvice		Next BOP	Test Date		Water Depth RKB-CHF	n		ft
Sky: ASING I	RECORD		· NU	rassr	<u>•</u> 163		361	vice					TAKE STA		-	
	asing Stri	ng	OD	Wt.	Grade	Conn.	Jts.	Run	Setting MD	Depth TVD	Liner MD	Top TVD	MW when Run	Pres	LOT EMW	Leakoff?
onducto	r		16"		LP			1	37'	37'			Air			
urface			9 5/8"	32.3	H40	STC		12	534'	534'			Air			
	ite/Produc		7"_	26 23	L80 P110	LTC		56 14	6,839' 7,455'	6,839' 7,455'			8.8 8.8			
roductio			5"	18	P110	FJ		19	8224'	8224'	7,381	7,381'	8.7			
																
IT, WEI	GHT, SPE	ED AND H	YDRAUL	ICS REC	ORD				L					1	<u> </u>	·
BIT		Bit Type	e and					D4-1-	Total	11	WOR	Dam	Avg ROP	Tooth	Grade Bearing	Gage
No	Size	Manufa	cturer	Senai	Number	J	ets	Depth In	Footage	Hrs	WOB	Rpm	ROP	1 100111	peaning	Gage
						<u> </u>										
<u>Bit Rer</u>	marks:						Cum. R	ROT. Hrs	PU	Wt	SO	Wt	ROT	VVt	10	rque
ump			I		Ι		!	T	-		·			Slow	Pump Pre	ssures
No.	Stroke	X Liner	Output	SPM	GPM	Pre	essure	٦٧	Pb	DC A	V DP	Speed 1/4	SPM	Pump #1	Pump #2	Pump #
1			gps							00	- Ur	1/2	-			
2												3/4				
HA																
ength:		Descri	ption:											 		
IUD DA								1	Laise							8/" (*
uT.	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	OIL %	SD %	мвт	рH	Pm	Pf/Mf
'IT					i					1						
	Chl	orides	C	3++	Smpl	F.L. Temp	Shaker	Screens	Ho	ours M	lud Engine	er			lud Compa	пу
riT Tir	Cili	oriues	0				#1	#2	Desand							
											1					
					<u> </u>		#2			Mud Cl	Daily	Cost	T		ımulative (cost
						!	#3	#4	Desilt	Mud Cl	Daily	Cost		Cı	umulative (\$9,622	Cost
DIRECTI	ONAL SU							#4	Desilt						\$9,622	Cost
DIRECTI	ONAL SU	RVEYS	D	I AN	IGLE	Dir	#3 ection	#4			Daily /S	Cost				Cost
DIRECTI			D	AN	IGLE	Dir		#4	Desilt						\$9,622	Cost
DIRECTION	ID IONS SU	ŢV			IGLE	Dir	ection	#4	Desilt dinates				Statue		\$9,622	Cost
DIRECTION	IONS SU	ŢV	D Time Code	AN Boats:	IGLE	Dir	ection Supply 8	#4	Desilt				Status: Status:		\$9,622	Cost
DIRECTI M DPERAT	IONS SU	TV MMARY	Time	Boats:			ection Supply B Crew B	#4 Coord	Desilt		/s	DL	Status:	CLOS Time S	\$9,622 SURE	
DPERAT TII	ID IONS SU ME TO	TV MMARY	Time	Boats:			ection Supply B Crew B	#4 Coord	Desilt		/s	DL	Status: Act	CLOS Time Si	\$9,622 SURE	Çum.
DPERAT TII	ID IONS SU ME TO	TV MMARY	Time	Boats:			ection Supply B Crew B	#4 Coord	Desilt		/s	DL	Status: Act 1. Mob/De	CLOS Time Sivity	\$9,622 SURE	Cum. 7.5
DPERAT TII	ID IONS SU ME TO	TV MMARY	Time	Boats:			ection Supply B Crew B	#4 Coord	Desilt		/s	DL	Status: Act 1. Mob/De 2. Cement	CLOS Time Sivity	\$9,622 SURE	Cum. 7.5 2.5
DPERAT TII	ID IONS SU ME TO	TV MMARY	Time	Boats:			ection Supply B Crew B	#4 Coord	Desilt		/s	DL	Act 1. Mob/De 2. Cement 3. Circulat	Time Sivity	\$9,622 SURE	Cum. 7.5
DPERAT TII	ID IONS SU ME TO	TV MMARY	Time	Boats: Pumpii oil.	ng unit p	umping	Supply B Crew B to tanks.	#4 Coord	Desilt	ls of water	/s	DL	Status: Act 1. Mob/De 2. Cement	Time Sivity	\$9,622 SURE	Cum. 7.5 2.5
DPERAT TII	ID IONS SU ME TO	TV MMARY	Time	Boats: Pumpii oil.	ng unit p	umping	Supply B Crew B to tanks.	#4 Coord	Desilt dinates	ls of water	/s	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P	Time Sivity Mob tee	\$9,622 SURE	Cum. 7.5 2.5 17.5
DPERAT TII	ID IONS SU ME TO	TV MMARY	Time	Boats: Pumpii oil.	ng unit p	umping	Supply B Crew B to tanks.	#4 Coord	Desilt dinates	ls of water	/s	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing	Time Sivity Mob t te mal Work	\$9,622 SURE	Cum. 7.5 2.5 17.5
DPERAT TII	ID IONS SU ME TO	TV MMARY	Time	Boats: Pumpii oil.	ng unit p	umping	Supply B Crew B to tanks.	#4 Coord	Desilt dinates	ls of water	/s	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log	Time Sivity Mob tee Inal Work	\$9,622 SURE	Cum. 7.5 2.5 17.5
PERAT TII	ID IONS SU ME TO	TV MMARY	Time	Boats: Pumpii oil.	ng unit p	umping	Supply B Crew B to tanks.	#4 Coord	Desilt dinates	ls of water	/s	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir	Time Sivity Mob t te mal Work ipe	\$9,622 SURE	Cum. 7.5 2.5 17.5
PERAT	ID IONS SU ME TO	TV MMARY	Time	Boats: Pumpii oil.	ng unit p	umping	Supply B Crew B to tanks.	#4 Coord	Desilt dinates	ls of water	/s	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log	Time Sivity Mob tee Inal Work ipe gging rc. mt./LOT	\$9,622 SURE	Cum. 7.5 2.5 17.5
PERAT	ID IONS SU ME TO	TV MMARY	Time	Boats: Pumpii oil.	ng unit p	umping	Supply B Crew B to tanks.	#4 Coord	Desilt dinates	ls of water	/s	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C	Time Sivity Mob tee Inal Work ipe gging rc. mt./LOT N.D.	\$9,622 SURE	Cum. 7.5 2.5 17.5 34 22
PERAT	ID IONS SU ME TO	TV MMARY	Time	Boats: Pumpii oil.	ng unit p	umping	Supply B Crew B to tanks.	#4 Coord	Desilt dinates	ls of water	/s	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./ I 12. P.U./L	Time Sixity Mob tee Inal Work ipe Inging Inc. Inc. Inc. Inc. Inc. Inc. Inc. Inc.	\$9,622 SURE	Cum 7.5 2.5 17.5 34 22 6 1 22.5
PERAT	ID IONS SU ME TO	TV MMARY	Time	Boats: Pumpii oil.	ng unit p	umping	Supply B Crew B to tanks.	#4 Coord	Desilt dinates	ls of water	/s	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./ I 12. P.U./L 13. P.U./L 14. R/U; F	Time Sivity Mob tee Inal Work ipe Inc. Int./LOT N.D. Inc. BHA Inc. Pipe Inc. Inc. BHA Inc. Pipe Inc. Inc. BHA Inc. Pipe Inc. Inc. Inc. BHA Inc. Pipe Inc. Inc. BHA Inc. Pipe Inc. Inc. BHA Inc. Pipe Inc. Inc. BHA Inc. Pipe Inc. Inc. BHA Inc. Pipe Inc. Inc. BHA Inc. Pipe Inc. Inc. BHA Inc. Pipe Inc. Inc. Inc. Inc. Inc. Inc. Inc. Inc.	\$9,622 SURE	Cum 7.5 2.5 17.5 34 22 6 1 22.5 14.5
PERAT	ID IONS SU ME TO	TV MMARY	Time	Boats: Pumpii oil.	ng unit p	umping	Supply B Crew B to tanks.	#4 Coord	Desilt dinates	ls of water	/s	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./ I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re	Time Sivity Mob tee Inal Work ipe Inging Irc. Int./LOT N.D. I.D. BHA I.D. Pipe IVD III III III III III III III III III II	\$9,622 SURE	Cum 7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.76
PERAT	ID IONS SU ME TO	TV MMARY	Time	Boats: Pumpii oil.	ng unit p	umping	Supply B Crew B to tanks.	#4 Coord	Desilt dinates	ls of water	/s	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./ I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C	Time Sixity Mob tee Inal Work ipe Inging Inc. Inc. Inc. Inc. Inc. Inc. Inc. Inc.	\$9,622 SURE	Cum. 7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75
PERAT	ID IONS SU ME TO	TV MMARY	Time	Boats: Pumpii oil.	ng unit p	umping	Supply B Crew B to tanks.	#4 Coord	Desilt dinates	ls of water	/s	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./ I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C 17. Service	Time Sivity Mob tee Inal Work ipe Inc. Inc. Inc. Inc. Inc. Inc. Inc. Inc.	\$9,622 SURE	Cum 7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.76
PERAT	ID IONS SU ME TO	TV MMARY	Time	Boats: Pumpii oil.	ng unit p	umping	Supply B Crew B to tanks.	#4 Coord	Desilt dinates	ls of water	/s	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./ I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C	Time Sixity Mob tee Inal Work ipe Inging Inc. Inc. Inc. Inc. Inc. Inc. Inc. Inc.	\$9,622 SURE	Cum 7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.76
PERAT	ID IONS SU ME TO	TV MMARY	Time	Boats: Pumpii oil.	ng unit p	umping	Supply B Crew B to tanks.	#4 Coord	Desilt dinates	ls of water	/s	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve	Time Sivity Mob tee Inal Work ipe Inging Inc. Inc. Inc. Inc. Inc. Inc. Inc. Inc.	\$9,622 SURE	Cum 7.5 2.5 17.5 17.5 34 22 6 1 22.5 14.5 26.7 11.5
PERAT	ID IONS SU ME TO	TV MMARY	Time	Boats: Pumpii oil.	ng unit p	umping	Supply B Crew B to tanks.	#4 Coord	Desilt dinates	ls of water	/s	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips	Time Sixity Mob tee Inal Work ipe Inging Inc. Inc. Inc. Inc. Inc. Inc. Inc. Inc.	\$9,622 SURE	Cum. 7.5 2.5 17.5 17.5 34 22 6 1 22.5 14.5 26.7 11.5
PERAT	IONS SUME TO 0600	TV MMARY	Time	Boats: Pumpii oil.	ng unit p	umping since si	Supply B Crew B to tanks.	#4 Coord	Desilt dinates	ls of water	/s	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B	Time Sixity Mob It It It It It It It It It I	\$9,622 SURE	Cum. 7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
PERAT	ID IONS SU ME TO	TV MMARY	Time	Boats: Pumpii oil.	ng unit p	umping since si	Supply B Crew B to tanks.	#4 Coord	Desilt dinates	ls of water	/s	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/Hd	Time Sixity Mob It It It It It It It It It I	\$9,622 SURE	Cum. 7.5 2.5 17.5 17.5 34 22 6 1 22.5 14.5 26.7 11.5
PERAT	IONS SUME TO 0600	TV MMARY	Time	Boats: Pumpii oil.	ng unit p	umping since si	Supply B Crew B to tanks.	#4 Coord	Desilt dinates	ls of water	/s	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/Hd 24. W.O.V	Time Sivity Mob It It It It It It It It It I	\$9,622 SURE	Cum. 7.5 2.5 17.5 17.5 34 22 6 1 22.5 14.5 26.7 11.5
PERAT	IONS SUME TO 0600	TV MMARY	Time	Boats: Pumpii oil.	ng unit p	umping	Supply B Crew B to tanks.	#4 Coord	Desilt dinates	ls of water	/s	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/H 24. W.O.V 25. Wash	Time Sivity Mob It It It It It It It It It I	\$9,622 SURE	Cum. 7.5 2.5 17.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
PERAT	IONS SUME TO 0600	TV MMARY	Time	Boats: Pumpii oil.	ng unit p	umping	Supply B Crew B to tanks.	#4 Coord	Desilt dinates	ls of water	/s	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/Hd 24. W.O.V	Time Sivity Mob It It It It It It It It It I	\$9,622 SURE	Cum. 7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
PERAT	IONS SUME TO 0600	TV MMARY	Time	Boats: Pumpii oil.	ng unit p	umping	Supply B Crew B to tanks.	#4 Coord	Desilt dinates	ls of water	/s	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/H0 24. W.O.V 25. Wash 26. Well C 27. WOC 28. Other	Time Sivity Mob It It It It It It It It It It It It It	\$9,622 SURE	Cum. 7.5 2.5 17.5 34 22 6 1 22.5 24.5 26.75 11.5
PERAT TII FROM 0600	IONS SUME TO 0600	TV MMARY	Time	Boats: Pumpii oil.	ng unit p	umping	Supply B Crew B to tanks.	#4 Coord	Desilt dinates	ls of water	/s	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/H0 24. W.O.V 25. Wash 26. Well C 27. WOC	Time Sivity Mob It It It It It It It It It It It It It	\$9,622 SURE	Cum. 7.5 2.5 17.5 17.5 61.5 26.75 11.5
PERAT TII FROM 0600	IONS SUME TO 0600	TV MMARY	Time	Boats: Pumpin oil.	ng unit p	umping	Supply B Crew B to tanks.	#4 Coord Coot Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Co	Desilt dinates	ls of water	/s	e of	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/Hc 24. W.O.V 25. Wash 26. Well C 27. WOC 28. Other Total	Time Si ivity Mob t te ipe ipging rc. mt./LOT N.D. D. BHA D. Pipe VD epair casing ee Rig ack Op. Pipe y OPs O N. & Ream Control	\$9,622 SURE ummary Daily	Cum. 7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
DPERAT TII FROM 0600	IONS SUME TO 0600	TV MMARY	Time	Boats: Pumpii oil.	ng unit p	umping	Supply B Crew B to tanks.	#4 Coord Coot Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Coat Name: Co	Desilt dinates	ls of water	/s	DL	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/Hc 24. W.O.V 25. Wash 26. Well C 27. WOC 28. Other Total	Time Si ivity Mob te sonal Work ipe gging rc. mt./LOT N.D. D. BHA .D. Pipe VD epair lasing le Rig ack Op. Pipe y OPs OO N. & Ream Control	\$9,622 SURE	Cum. 7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5



MSC Exploration T215 R19E 5 %

	Servi	ces			D	aily	y Co	mpl	etio	n Re	por	t ,	43-0	119-	3140	9
	Bloc	k. Lease ar				:	Contract F		DOL	<u>DFS</u>	Date on		Completi			nt Date
MD	. Crested .	Junction - F			No.		Leed #69 AFE Amou		95 Auth. TD.	95	3/22/		Mar 22 Representa		Jun 25	5, 2005
5268'	5268'	PBT		71.5	-110.		AI L AIIO	ATT?	Addi. 10.	8,224'		COMPANY	Jim Lander			
		Presen	t Operation	on			Rig Phon	e:	43	35-285-23	36	Toolpush				
		Pumpin	g to tank	#2			Rig Fax:					t	Nat Guerrero	· · · · · ·		
Current 1	Weather I	BLM \	∕isit		NPDES		People	on Loc.:		Last BOP	Test Date		f	RIG ELEV	/ATIONS	
Wind:		Yes	No	LC50	Sample	Date		rator					RKB		15	ft
Seas:		Problem?	Yes					ractor		Next BOP	Test Date		Water Depti	1		ft
Sky:	RECORD		∐ No	Pass?	∐ Yes	∐ No	Ser	vice					RKB-CHF			ft
	Casing Stri	ng	OD	Wt.	Grade	Conn.	Jts.	Run	Setting	Depth	Line	Тор	MW when		LOT	
									MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?
Conducto	or		16" 9 5/8"	32.3	LP H40	STC		1	37' 534'	37' 534'			Air Air			
Surface Inermedia	ate/Produc	tion	7"	26	L80	LTC		56	6,839'	6,839'		-	8.8			
	ate/Produc	tion	7"	23	P110	LTC		14	7,455'	7,455'			8.8			
Productio	n Liner		5"	18	P110	FJ	1	19	8224'	8224'	7,381	7,381'	8.7			
	GHT, SPE	ED AND H		ICS REC	CORD						,		- Aug		Crada	
BIT No	Size	Bit Type Manufa		Serial	Number	ر	lets	Depth In	Total Footage	Hrs	WOB	Rpm	Avg ROP	Tooth	Grade Bearing	Gage
	0.20															
Dit Do	marks:			L		L	Cum B	OT. Hrs	PU	\A/t	SO	Wt	ROT	\W _t	Tor	rque
<u> burke</u>	marks:						Cuin. r	.01.1113				***	1		101	1400
Pump				0014	CDM			N/	D)-			Speed	SPM		Pump Pres	
No.	Stroke	X Liner	Output gps	SPM	GPM	Pre	essure	1v	Pb	DC	DP	1/4	3FM	Fump#1	Pump #2	Fump#3
1	 		J SPS								İ	1/2				
2											l	3/4	<u> </u>	<u> </u>		<u> </u>
BHA Length:		Descrip	otion:													
Lengin:		Descrit	puon.													
MUD DA						1.5.11	LITTIA	CALC	er po ~	LGS %	OIL %	SD %	MOT	- EU	Pm	Pf/Mf
PIT	WT.	VIS	PV	YP	GELS	WL	HTHP	CAKE	SLDS %	LGS %	UIL %	30%	MBT	рН	Pm	Pi/Wii
FII			<u> </u>													
	<u> </u>		,			r = 1			,				Υ			
	Chic	orides	Ca	3++	Smpl	F.L. Temp	Shaker	Screens	Но	urs 1	Aud Engine	er	ł	1	/lud Compa	iny
PIT							#1	#2	Desand							
	I				L		#3	#4	Desilt	Mud Cl	Daily	Cost	T		umulative C	Cost
							#3	#4	Desilt	Midd Ci	Dun,				\$9,622	
	ONAL SU			, 7						,	10	F.	T	CLO	SURE	
N	/D	TV	D	I AN	GLE	Dir	ection	Coon	dinates	\ <u>`</u>	/s	DL		CLO	SUKE	
								<u> </u>								
	IONS SU	MARY	T =	la .			0 l - D	oat Name:					Status:			
FROM	ME TO	HOUR	Time Code	Boats:				oat Name:				-	Status:			
0600	0600			Pumpir	ng unit pi	umping	to tanks.	Recove	red 37 bbl	s of wate	r. No trac	e of	I		ummary	
				oil.										ivity	Daily	Cum.
			<u> </u>	ļ									Mob/De Cement		 	7.5 2.5
 	 		 					•					3. Circulat			17.5
	 			 					-				4. Directio		 	17.5
	 			Total re	ecovery	since sv	wabbing I	began on	zone - 13	886 bbls		·	5. Drilling	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	1												6. Drive P	ipe		
													7. Fishing			34
			1										8. OH Log		ļ	22
		ļ	 	<u> </u>									9. Lost Cit		-	1
 	ļ	ļ	 										10. Drill C		 	6
 	1-	 	+	 									11. N.U./ I 12. P.U./L		+	1
 	+	 	 	t									13. P.U./L		1	22.5
<u> </u>	1	 	1	†									14. R/U; F			14.5
	1												15. Rig Re	epair		26.75
													16. Run C		1	11.5
<u> </u>	ļ		1-	-									17. Servic		1	
 	-	1		 									18. Sidetr 19. Stuck		 	
	 	 	+	 			·						20. Surve		 	
		 	t^-	t	-								21. Trips			61.5
													22. Tst. B			2
													23. UR/H			
L	1		1	1									24. W.O.V		1	
		ļ.		1												
-		ļ							····································				25. Wash			1
									·-····································				26. Well 0			
														Control		314.25
													26. Well 0 27. WOC	Control		314.25 543.5
	I Hours					In						Ip	26. Well C 27. WOC 28. Other Total	Control		
	I Hours owntime	Daily	Fuel (Jsage	Gals	Bulk M	faterial on	Board		sx		Previou Daily Co	26. Well C 27. WOC 28. Other Total	Control \$65	55,059	314.25 543.5



MSC Exploration Tals RI9E 5-26

	Servi	notogy ces			U	aily	y Co	mpi	etio	n Re	port		43-0	19-3.	1409	
	Bloc	k, Lease ar Junction - F	d Well N		1		Contract F		<u>DOL</u> 96	<u>DFS</u> 96	Date on L 3/22/2	ocation	Completi Mar 22	on Date	Repor	t <u>Date</u> 5, 2005
MD	TVD	Foota	ge		No.		AFE Amou		Auth. TD.				Representa		331720	,
5268'	5268'	PBT	D Operation	on			Rig Phone	9;	43	8,224' 35-285-233	36	Toolpush	Jim Lander er			
			g to tank				Rig Fax:						Nat Guerrero	· .		
Current 1	Weather	BLM \	/isit		NPDES		People	on Loc.:		Last BOP	Test Date	-		RIG ELEV	ATIONS	
Wind:		Yes	∐ No	LC50	Sample	Date	<u> </u>	rator		New POD	Toot Date		RKB Water Depti			ft ft
Seas: Sky:		Problem?	Yes No	Pass?	Yes	☐ No	Contr Ser	vice		Next BOP	Test Date		RKB-CHF			ft
CASING	RECORD		0.0	1 186	Cuada	Conn	lto.	Dun	Cotting	Donth	Liner	Top	MW when		LOT	
	Casing Stri	ng	OD	Wt.	Grade	Conn.	JIS.	Run	Setting MD	TVD	MD	TVD	Run	Pres	EMW	Leakoff?
Conducto	NT .		16" 9 5/8"	32.3	LP H40	STC		2	37' 534'	37' 534'			Air Air			
Surface Inermedia	ate/Produc	tion	7"	26	L80	LTC	18	56	6,839'	6,839'			8.8			
Inermedia Productio	n Liner	tion	7" 5"	23 18	P110 P110	LTC FJ		9	7,455' 8224'	7,455' 8224'	7,381'	7,381'	8.8 8.7			
BIT, WEI	GHT, SPE	ED AND H		ICS REC	ORD								· · · · · · · · · · · · · · · · · · ·			
BIT No	Size	Bit Type Manufa		Serial !	Number	J	lets	Depth In	Total Footage	Hrs	WOB	Rpm	Avg ROP	Tooth	Grade Bearing	Gage
Bit Re	marks:			<u> </u>		i	Cum. R	OT. Hrs	PU	Wt	SO	Wt	ROT	Wt	Tor	que
				Τ										Slow	Pump Pres	sures
Pump No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	JV	Pb		۱۷	Speed	SPM		Pump #2	
1			gps	<u> </u>			-			DC	DP	1/4				
2												3/4				
BHA Length:		Descrip	ation:													
_5,,ga1.																
MUD DA	TA										·					
	WT.	VIS	PV	ΥP	GELS	WL	НТНР	CAKE	SLDS %	LGS %	OIL %	SD %	мвт	рН	Pm	Pf/Mf
PIT																
	l		l				·							· · · · · · · · · · · · · · · · · · ·		
	Chle	orides	Ca	3++	Smpl Temp	F.L. Temp	Shaker	Screens	Ho	urs M	lud Engine	er			lud Compa	пу
PIT							#1	#2	Desand	Cent.						
			·		L.,	<u> </u>	#3	#4	Desilt	Mud CI	Daily	Cost		Cı	mulative C	ost
DIRECTI	ONAL SU	RVEYS					i	<u></u>	!	L			<u> </u>	<u> </u>	\$9,622	
N	/ID	⊤t∨	D	AN	GLE	Dir	ection	Coor	dinates	\	/S	۵		CLOS	SURE	
				1		1	•	1	1							
	TIONS SUI	MMARY	Time	Boats:			Supply B	oat Name					Status:			
FROM	ME TO	MMARY HOUR	Time Code	Boats:			Crew B	oat Name					Status: Status:	T: 0		
TI	ME	[Pumpir	ng unit pi	umping	Crew B	oat Name		s of water	r. No trace	e of	Status:	Time Su	ummary Daily	Cum.
FROM	ME TO	[ng unit pi	umping	Crew B	oat Name		s of water	r. No trace	e of	Status: Act 1. Mob/De	ivity Mob		7.5
FROM	ME TO	[Pumpir	ng unit pi	umping	Crew B	oat Name		s of water	r. No trace	e of	Status: Act 1. Mob/De 2. Cement	ivity Mob t		7.5 2.5
FROM	ME TO	[Pumpir	ng unit pi	umping	Crew B	oat Name		s of water	r. No trace	e of	Status: Act 1. Mob/De	ivity Mob t		7.5
FROM	ME TO	[Pumpir oil.			Crew B	oat Name Recove			r. No trace	e of	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling	ivity Mob t e nal Work		7.5 2.5
TII FROM	ME TO	[Pumpir oil.			Crew B	oat Name Recove	red 42 bbl		r. No trace	e of	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P	ivity Mob t e nal Work		7.5 2.5 17.5
TII FROM	ME TO	[Pumpir oil.			Crew B	oat Name Recove	red 42 bbl		r. No trace	e of	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling	ivity Mob t e nal Work		7.5 2.5
FROM	ME TO	[Pumpir oil.			Crew B	oat Name Recove	red 42 bbl		r. No trace	e of	Act 1. Mob/De 2. Cement 3. Circulat 4. Direction 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir	ivity Mob t e nal Work ipe		7.5 2.5 17.5
TII FROM	ME TO	[Pumpir oil.			Crew B	oat Name Recove	red 42 bbl		r. No trace	e of	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C	ivity Mob t e nal Work ipe ging rc. mt./LOT		7.5 2.5 17.5
FROM	ME TO	[Pumpir oil.			Crew B	oat Name Recove	red 42 bbl		r. No trace	e of	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./ I 12. P.U./L	ivity Mob te nal Work ipe rging rc. mt./LOT N.D.		7.5 2.5 17.5 34 22
FROM	ME TO	[Pumpir oil.			Crew B	oat Name Recove	red 42 bbl		r. No trace	e of	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./ I 12. P.U./L	ivity Mob R ie Inal Work ipe Iging C. Int./LOT N.D. I.D. BHA I.D. Pipe		7.5 2.5 17.5 34 22 6 1 22.5
TII FROM	ME TO	[Pumpir oil.			Crew B	oat Name Recove	red 42 bbl		r. No trace	e of	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./ I 12. P.U./L	ivity Mob R R Inal Work Ipe Iging C. Int./LOT N.D. I.D. BHA I.D. Pipe IVD		7.5 2.5 17.5 34 22 6 1
TII FROM	ME TO	[Pumpir oil.			Crew B	oat Name Recove	red 42 bbl		r. No trace	e of	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C	ivity Mob R R Inal Work Ipe Iging C. Int./LOT N.D. I.D. BHA I.D. Pipe Ivid Ippair Isasing		7.5 2.5 17.5 34 22 6 1 22.5 14.5
TII FROM	ME TO	[Pumpir oil.			Crew B	oat Name Recove	red 42 bbl		r. No trace	e of	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C 17. Service	ivity Mob te nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe WD epair easing se Rig		7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75
TII FROM	ME TO	[Pumpir oil.			Crew B	oat Name Recove	red 42 bbl		r. No trace	e of	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C	ivity Mob te nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe VD epair easing ee Rig ack Op.		7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75
TII FROM	ME TO	[Pumpir oil.			Crew B	oat Name Recove	red 42 bbl		r. No trace	e of	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve	ivity Mob te nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe WD epair easing e Rig ack Op. Pipe		7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75
TII FROM	ME TO	[Pumpir oil.			Crew B	oat Name Recove	red 42 bbl		r. No trace	e of	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips	ivity Mob te nal Work ipe ging c. mt./LOT N.D. D. BHA D. Pipe WD epair easing e Rig ack Op. Pipe y		7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
TII FROM	ME TO	[Pumpir oil.			Crew B	oat Name Recove	red 42 bbl		r. No trace	e of	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve	ivity Mob R In In In In In In In In In In In In In I		7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75
TII FROM	ME TO	[Pumpir oil.			Crew B	oat Name Recove	red 42 bbl		r. No trace	e of	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/Ht 24. W.O.V	ivity Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R In Mob R		7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
TII FROM	ME TO	[Pumpir oil.			Crew B	oat Name Recove	red 42 bbl		r. No trace	e of	Act 1. Mob/De 2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/Ht 24. W.O.V 25. Wash	ivity Mob R In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In in ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe In ipe I		7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
FROM	ME TO	[Pumpir oil.			Crew B	oat Name Recove	red 42 bbl		r. No trace	e of	Act 1. Mob/De 2. Cement 3. Circulat 4. Direction 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/He 24. W.O.V 25. Wash 26. Well C 27. WOC	ivity Mob Renal Work ipe ipe ging c. mt./LOT N.D. D. BHA D. Pipe Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal R		7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
FROM	ME TO	[Pumpir oil.			Crew B	oat Name Recove	red 42 bbl		r. No trace	e of	Act 1. Mob/De 2. Cement 3. Circulat 4. Direction 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/Hi 24. W.O.V 25. Wash 26. Well C 27. WOC 28. Other	ivity Mob Renal Work ipe ipe ging c. mt./LOT N.D. D. BHA D. Pipe Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal R		7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
TII FROM 0600	ME TO	[Pumpir oil.			Crew B	oat Name Recove	red 42 bbl		r. No trace	e of	Act 1. Mob/De 2. Cement 3. Circulat 4. Direction 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Re 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/He 24. W.O.V 25. Wash 26. Well C 27. WOC	ivity Mob Renal Work ipe ipe ging c. mt./LOT N.D. D. BHA D. Pipe Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal Renal R		7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5
TII FROM 0600	ME	[Code	Pumpir oil.		since s	Crew B to tanks.	pegan on	red 42 bbl		r. No trace	e of Previous Daily Co	Act 1. Mob/De 2. Cement 3. Circulat 4. Direction 5. Drilling 6. Drive P 7. Fishing 8. OH Log 9. Lost Cir 10. Drill C 11. N.U./I 12. P.U./L 13. P.U./L 14. R/U; F 15. Rig Ro 16. Run C 17. Servic 18. Sidetr 19. Stuck 20. Surve 21. Trips 22. Tst. B 23. UR/Ho 24. W.O.V 25. Wash 26. Well C 27. WOC 28. Other Total	ivity Mob te nal Work ipe ging rc. mt./LOT N.D. D. BHA D. Pipe VD epair asing te Rig ack Op. Pipe y OPs OV. & Ream Control		7.5 2.5 17.5 34 22 6 1 22.5 14.5 26.75 11.5



MSC Exploration T 3/S R 19E 5-36

Daily Completion Report 43-019-31407

9 9 9	DOWN TO	1003						10 0	701
Block, Lease and Well No.			<u>vo.</u>	Contract Rig	DOL	DFS	Date on Location	Completion Date	Report Date
E. Crested Junction - Federal MSC #26-1		ASC #26-1	Leed #692	97	97	3/22/2005	Mar 22, 2005	Jun 27, 2005	
<u>MD</u>	TVD	Footage	AFE No.	AFE Amount	Auth, TD.		Company	Representative	
5268'	5268'	PBTD			·	8,224'	_	Jim Lander	
		Present Operat	ion	Rig Phone:	43	35-285-23	36 <u>Toolpush</u>	<u>er</u>	-
		Pump to tank #	‡ 2	Rig Fax:				Nat Guerrero	

L		Pump	to tank #	‡ 2			Rig Fax:						Nat Guerrero				
Current 1	Weather	BLM \	Visit	T	NPDES		People	on Loc.:		Last BOP	Test Date	RIG ELEVATIONS					
Wind:		✓ Yes	✓ No	LC50	Sample	<u>Date</u>		rator					<u> </u>			ft	
Seas:		Problem?	✓ Yes					ractor		Next BOP Test Date			Water Depth			ft	
Sky:	RECORD	L	√ No	Pass?	✓ Yes	lNo	Ser	vice		L			RKB-CHF			ft	
	Casing Str		OD	Wt.	Grade	Conn.	Jts.	Run		Depth		Тор	MW when		LOT		
0			16"		LP			1	MD 37'	TVD 37'	MD	TVD	Run	Pres	EMW	Leakoff?	
Conducto Surface	х		9 5/8"	32.3	H40	STC		2	534'	534'	1	ļ	Air Air	ļ			
	ate/Produc	ction	7"	26	L80	LTC	1.	56	6,839'	6,839			8.8				
	ate/Produc	ction	7"	23	P110	LTC		4	7,455'	7.455	7.0041	7 0041	8.8	-			
Productio	n Liner		5"	18	P110	FJ		9	8224'	8224'	7,381'	7,381'	8.7				
	GHT, SPE	ED AND H		LICS REC	CORD				r =	-			· · · · · · · · · · · · · · · · · · ·				
BIT No	Size	Bit Type Manufa		Serial	Number	ر ا	lets	Depth In	Total Footage	Hrs	WOB	Rpm	Avg ROP	Tooth	Grade Bearing	Gage	
	1										1						
	L							OT 11					507				
Bit Rei	marks.						Cum. R	OT. Hrs	PU	Wt	1 50	Wt	ROT	VVt	l lor	que	
Pump	T		<u> </u>	<u> </u>			<u> </u>					~~		Slow	Pump Pres	sures	
No.	Stroke	X Liner	Output	SPM	GPM	Pre	ssure	٦٧	Pb		\V	Speed	SPM	Pump #1	Pump #2	Pump #3	
1			gps	-	 				l	DC	DP	1/4					
2											-	3/4					
ВНА																·	
Length:		Descrip	otion:											• • • • • • • • • • • • • • • • • • • •			
							•					,					
MUD DA	TA											-					
	WT.	VIS	PV	ΥP	GELS	WL	нтнр	CAKE	SLDS %	LGS %	OIL %	SD %	MBT	рН	Pm	Pf/Mf	
PIT																	
	L	<u> </u>	<u> </u>	1			<u> </u>	L	<u> </u>	<u> </u>	L.,		<u></u>	<u> </u>	l		
			1		Smpl	F.L.								1			
	Chl	orides	Ca	a++	Temp	Temp	Shaker	Screens	Ho	urs N	lud Engine	er		M	lud Compa	ny	
PIT							#1	#2	Desand	Cent.	•						
	<u> </u>		<u> </u>		l		#3	#4	Desilt	Mud CI	Daily	Cost	I	Ci	mulative C	ost	
									DOGE						\$9,622		
	ONAL SU							,			12			0:00			
M	1D	TV	ט	AN	GLE	Dir	ection	Coord	linates	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	/S	DL	****	CLOS	UKE		
									l	-	1						
	IONS SU	MMARY															
FROM	ME TO	HOUR	Time Code	Boats:				oat Name: oat Name:				-	Status: Status:				
	0600	11001		Pumnir	na unit ni	ımpina				s of water	r. No trac	e of	Ciuiuo.	Time Su	ımmarv		
				oil.	ig ann p	ı i i pirig	to tarino.	1100010	OG TE DO.	0 01 11010	. 110 1140	 	Act		Daily	Cum.	
								• •					1. Mob/De			7.5	
						12.000.17.000							2. Cement	Mob		7.5 2.5	
													Cement Circulat	Mob e			
									-				Cement Circulat Directio	Mob e		2.5	
				Total re	ecovery s	since sv	vabbing t	pegan on	zone - 14	170 bbls			Cement Circulat Directio Drilling	Mob e nal Work		2.5	
				Total re	ecovery s	since sv	vabbing t	pegan on	zone - 14	170 bbls			2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi	Mob e nal Work		2.5 17.5	
				Total re	ecovery s	since sv	vabbing t	pegan on	zone - 14	70 bbls			2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing	e nal Work		2.5 17.5	
				Total re	ecovery s	since sv	vabbing t	oegan on	zone - 14	170 bbls			2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log	e nal Work		2.5 17.5	
				Total re	ecovery s	since sv	wabbing t	pegan on	zone - 14				2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir	Mob e nal Work pe ging c.		2.5 17.5	
				Total re	ecovery s	since sv	wabbing t	pegan on	zone - 14				2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./ N	Mob e nal Work pe ging c. mt./LOT		2.5 17.5	
				Total re	ecovery s	since sv	wabbing t	pegan on	zone - 14				2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./	e nal Work pe ging c. mt./LOT I.D. D. BHA		2.5 17.5 34 22	
				Total re	ecovery s	since sv	wabbing t	pegan on	zone - 14				2. Cement 3. Circulat 4. Directio 5. Drilling 6. Drive Pi 7. Fishing 8. OH Log 9. Lost Cir 10. Drill Ci 11. N.U./N 12. P.U./L 13. P.U./L	e nal Work pe ging c. mt./LOT v.D. D. BHA D. Pipe		2.5 17.5 34 22 6 1 22.5	
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MSC EXPLORATION, L.P.

16800 IMPERIAL VALLEY DR., SUITE 380

HOUSTON, TEXAS 77060

PHONE: 281-931-8933 FAX: 281-931-8655

FACSIMILE TRANSMITTAL SHEET								
mike Heberson	FROM: Lynn Fast							
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RE:	YOUR REFERENCE NUMBER:							

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DIV. OF OIL, GAS & MINING

STATE OF UTAH

CONF	REPORT [FORMS
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Oct 12 05 04:46p MSC Exploration LP 2819318655

DATE FIRST PRODUCTION OIL - OIL: GAS - MOP: WATER - 6	BBL: PROD. METHOD		
RATES: →			
HOKE SIZE: TBG. PRESS. CSG PRESS. API GRAVITY DTU-BAS DASKOIL RATIO 24 HR PRODUCTION OIL-EQU. GAS ~ NCP. WATER - I	BOL: INTERVAL STATUS:		
INTERVAL B (As shown in Here \$25)			
TE FIRST PRODUCED: TEST DATE: HOURS TESTED: TEST PRODUCTION OIL - 881: GAS - MCT: WATER - I RATES: →	GBL: PROD. METHOD:		
IONE SIZE. TBC. PRESS. CSG PRESS. APIGRAVITY DTU-GAS GASIOL RATIO 24 MR PRODUCTION GIL-BOL: GAS-MCF: WATER-I	BBL: INTERVAL STATUS:		
RITERVAL C (As shown in Norm 226)			
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CKE SIZE: TDG PRESS. CSG PRESS. APIGRAMITY BYU-GAS. GASION RATIO 24 HR PRODUCTION OIL - BRL: GAS - MCH: WATER - I RATES: →	BEL INTERVAL STATUS		
NTERVAL D (3.s aboves to from \$26)			
TE FIRST PRODUCTION OIL - BBL: GAS - MCF: WATER - I RATES: -	BBL: PROD METHOD.		
IOKE SIZE: TEG. PRESS. CSG. PRESS. AP GRANTY BTU -GAS CLASIOIL RATIO 24 MR PRODUCTION OIL - BBIL. GAS - MCF. WATER - I	88L INTERVAL STATUS:		
DISPOSITION OF GAS (Sold, Used for Fine), Ventod, Etc.)			
M. FORMATION (Log) MARKERS:			
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Formalies 199 Bottom Descriptions, Contents, etc. Hamo	Top (Minesured Doptii)		
Formalish (MC) (MO)	Immenter rebail		
5. ACONTONAL REMARKS (Include plugging procedure)			
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his report must be submitted within 30 days of			
 drilling horizontal laterals from an existing well hore significantly deepening an existing well hore below the provious botto 			
 recompleting to a different producing formation dritting hydrocarbon exploratory holes, such as core samples and stra 	atigraphic tests		
TEM 20: Show the number of completions if production is measured separately from two or more formations.			
ITEM 24: Coment Top - Show how reported top(s) of coment were determined (circulated (CIR), calculated (CAL), cament bond tog (CBL), te	imperature survey (TS)).		
enc to: Utah Civision of Dil, Gas and Mining Phone: 601-538-5340			
1594 West North Temple, Suite 1210	DECENT		
Box 145801 Fax: 801-359-3940	RECEIVE		
Salt Lake City, Utah 84114-5801			
	DEC 1 9 200		
Dii.	LOFOIL GAS & A		

DIV. OF OIL, GAS & MINING

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STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL GAS AND MINING

		DIVISION OF OIL, GAS			t .	ATION AND SCRIAL NUMBER
<u> </u>	SUNDR	Y NOTICES AND REF	PORTS ON WEL	LS		-1978.7 A
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	TYPL OF SUBMISSION	ACIOIZE	OEEPEN	TPE OF ACTION	O PERENE	PRATE CURRENT FORMATION
	NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE	TREAT	_	OK TO REPAIR WITE
	Approximate cate work will start:	CASING REPAIR		STRUCTION		HIRABANDON
		CHANGE TO PREVIOUS PLANS	OPERATOR	RCHANGE	TUBING R	EPAIR
		CHANGE TUBING	P.JG AND	ABANDON	VEN! OR	H.ARE
X	SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BAC	<	WATER D	ISPCSAL
	(Submit Original Form Only)	CHANGE WELL STATUS	□ •RODUCTI	ON (START/RESUME)	WATER S	HUT- O F=
	Date of work completion	COMMINGLE PRODUCING FOR	MATIONS RECLAMAT	ON OF WELL SITE	OTHER:	
		CONVERT WELL TYPE	RECOMPLE	TE - DIFFERENT FORMATION		
12.	DESCRIBE PROPOSED OR C	OMPLETED OPERATIONS. Clearly	show all pertinent details in	cluding dates, depths, volum	es, etc.	
	-			, /		
	1 Cample	tion Rig	044	,/27/05		
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(d) Well	Shut-in	, - 1,0	proces	.11014	
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(This space for State use only)

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SWEW S

DIV, OF OIL, GAS & MINING

(5/2000)

(See Instructions on Reverse Side)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING IF INDIAN, ALLOTTEE OR TRIBE NAME SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT OF CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 8. WELL NAME and NUMBER: 1. TYPE OF WELL GAS WELL OTHER OIL WELL FEDERAL 2. NAME OF OPERATOR MSC Exploration 2819318933 HOUSLON, TX 77060 4. LOCATION OF WELL GRAND COUNTY: 240 FEL + 1340 FWL FOOTAGES AT SURFACE: STATE: QTRIQTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 26 2) 5 19 & UTAH CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION TYPE OF SUBMISSION REPERFORATE CURRENT FORMATION DEEPEN ACIDIZE NOTICE OF INTENT SIDETRACK TO REPAIR WELL ALTER CASING FRACTURE TREAT (Submit in Duplicate) TEMPORARILY ABANDON **NEW CONSTRUCTION** Approximate date work will stert: CASING REPAIR OPERATOR CHANGE CHANGE TO PREVIOUS PLANS 7-15-06 VENT OR FLARE CHANGE TUBING WATER DISPOSAL CHANGE WELL NAME PLUG BACK SUBSEQUENT REPORT WATER SHUT-OFF CHANGE WELL STATUS PRODUCTION (START/RESUME) Date of work completion: RECLAMATION OF WELL SITE OTHER: COMMINGLE PRODUCING FORMATIONS RECOMPLETE - DIFFERENT FORMATION CONVERT WELL TYPE 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. 5 wells will be done as a package by the same company. Start date will vary based on which wells are done at the beginning of the program. TITLE Admin NAME (PLEASE PRINT) DATE _ SIGNATURE A sundry Notice detailing plugging plan shall be submitted and Approved by the Division prior to any work commercing (See Instructions on Reverse Side), JUN 072006 (5/2000)

Delles

Division of Oil, Gas and Mining

COMMENTS:

OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
A CIDITI

							2. CDW			
X - Change of Operator (Well Sold)			Operator Name Change/Merger							
The operator of the well(s) listed below has char	nged, effectiv	ve:			2/12/2008					
FROM: (Old Operator):			TO: (New Or	perator):	;		·			
N3000-Tidewater Oil & Gas Company, LLC			` -							
* * * * * * * * * * * * * * * * * * * *					llev Dr. Suite 38	0				
· ·				-						
,,				., , , , ,						
Phone: 1 (303) 327-7134			Phone: 1 (281)	931-8933						
CA No.	·		Unit:							
WELL NAME	SEC TWI	N RNG	API NO	ENTITY	LEASE TYPE	WELL	WELL			
	<u> </u>		<u> </u>	NO		TYPE	STATUS			
SEE ATTACHED LIST										
ODED ATOD CHANCES DOCUMENT	A TOTAL ON T									
	AHON									
-	on manairead t	fuana tha	EODMED and		2/26/2009					
WELL NAME SEC TWN RNG API NO ENTITY LEASE TYPE WELL TYPE STATUS OPERATOR CHANGES DOCUMENTATION Enter date after each listed item is completed 1. (R649-8-10) Sundry or legal documentation was received from the FORMER operator on: 2/26/2008 2. (R649-8-10) Sundry or legal documentation was received from the NEW operator on: 2/22/2008 3. The new company was checked on the Department of Commerce, Division of Corporations Database on: 1/15/2008 4a. Is the new operator registered in the State of Utah: Business Number: 6666480-0161 4b. If NO, the operator was contacted contacted on: 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE 5b. Inspections of LA PA state/fee well sites complete on: ok 5c. Reports current for Production/Disposition & Sundries on: ok 6. Federal and Indian Lease Wells: The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet 8. Federal and Indian Communization Agreements ("CA"): The BLM or BIA has approved the operator for all wells listed within a CA on: n/a 9. Underground Injection Control ("UIC") The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a										
			-			•	1/1 #/0000			
		mmerce	=	-			1/15/2008			
			Business Numb	er:	6666480-0161					
-										
5a. (R649-9-2)Waste Management Plan has been re	eceived on:		IN PLACE							
5b. Inspections of LA PA state/fee well sites comp	olete on:		ok	="						
CA No. Unit: LL NAME SEC TWN RNG API NO ENTITY LEASE TYPE WELL TYPE STATUS SEE ATTACHED LIST NO ENTITY NO ENTITY NO ENTITY STATUS SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE ATTACHED LIST SEE A										
6. Federal and Indian Lease Wells: The BI	LM and or th	ne BIA h	as approved the	: merger, na	me change,					
					 -	BIA				
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	r of unit one	rator for	wells listed on:		not vet					
	-			,		•				
-	perator of the well(s) listed below has changed, effective: 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old Operator): 1: (Old O									
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DATA ENTRY:	are project to			(0) 110000			-			
	on:		2/27/2008							
-		ange Sp	 	•	2/27/2008					
3. Bond information entered in RBDMS on:	•	0 1		•		•				
4. Fee/State wells attached to bond in RBDMS or	n:		2/27/2008	•						
5. Injection Projects to new operator in RBDMS	on:		n/a							
6. Receipt of Acceptance of Drilling Procedures	for APD/Nev	w on:		2/27/2008						
BOND VERIFICATION:										
1. Federal well(s) covered by Bond Number:			UTB000296	_						
2. Indian well(s) covered by Bond Number:				•						
3a. (R649-3-1) The NEW operator of any fee we	ll(s) listed co	overed b	y Bond Number	r .	8030575893					
	se of liability	from th	eir bond on:	2/22/2008						
The Division sent response by letter on:			n/a				·			
LEASE INTEREST OWNER NOTIFIC	CATION:									
4. (R649-2-10) The NEW operator of the fee wells				y a letter fro	om the Division					
of their responsibility to notify all interest owner	ers of this ch	ange on:	<u> </u>	n/a						

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

	DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER:
SUNDR	Y NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill	I new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to I laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT of CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL		8. WELL NAME and NUMBER: SEE ATTACKED LIS
2. NAME OF OPERATOR: NAE, LLC	N3440	9. API NUMBER:
3. ADDRESS OF OPERATOR: 16800 Imperial Valley Dr.	Ste. 380 HOUSTON STATE TX ZIP 77060 PHONE NUMBER: (281) 931-8933	10. FIELD AND POOL, OR WILDCAT;
4. LOCATION OF WELL		A CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR
FOOTAGES AT SURFACE:		COUNTY:
QTR/QTR, SECTION, TOWNSHIP, RA	NGE, MERIDIAN:	STATE: UTAH
11. CHECK APP	PROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
☐ NOTICE OF INTENT	ACIDIZE DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
SUBSEQUENT REPORT	CHANGE TUBING PLUG AND ABANDON CHANGE WELL NAME PLUG BACK	VENT OR FLARE
(Submit Original Form Only)		WATER DISPOSAL
Date of work completion:		WATER SHUT-OFF
	COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	OTHER:
12. DESCRIBE PROPOSED OR O	COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume	es etc
	ng all plugging and reclamation liabilities for the wells on the schedu	
	to the program of the control of the property and the contest	ale attached hereto.
Effective Date: 2/12/08		
Federal Bond Number: L	JTB000296	
State Bond Number: 803	0575893	
Name: Tidewater Oil & G	Sas Company LLC. Address: 110 16th St., Ste 1200, Denver, CO	80202
	N3000	
Signature:	Tene 14 0000	
Title: Mane	20.25	
Date: 02/21/C	<u>8</u>	
MIC	HAGI COANISH TITLE MANAGEA	- NAE
NAME (PLEASE PRINT)	MADY CORNISH TITLE MANAGER	
SIGNATURE	$CA = \frac{2/13/68}{}$	
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APPROV	ED <u>3 37 08</u>	FEB 2 2 2008

(5/2000)

Carlene Russell (See Division of Oil, Gas and Mining Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

DIV. OF OIL, GAS & MINING

well_name	sec	twp	rng	api	entity	lease	well	stat
FEDERAL MSC 26-1	26	210\$	190E	4301931407	14785	Federal	GW	S
FEDERAL 7-34-2122	07	210S	220E	4301931484		Federal	OW	APD
BLACK HAT FED 18-43-2224	18	220\$	240E	4301931495		Federal	OW	APD
OLD SAGERS FED 13-32-2222	13	220\$	220E	4301931497		Federal	OW	APD
STATE 1-32	32	2108	190E	4301931394	13598	State	OW	PA
STATE 21-19 (32-16D)	32	210\$	190E	4301931399	13903	State	OW	TA
STATE MSC 16-1	16	2108	200E	4301931401	14166	State	OW	S
STATE MSC 35-1	35	210\$	190E	4301931404	14259	State	GW	S
N THOMPSON 2-1	02	210S	200E	4301931412	14376	State	GW	OPS
TIDEWATER ST 23-5	23	2108	230E	4301931466	16258	State	OW	PA
TIDEWATER ST 23-2	23	2108	230E	4301931467		State	GW	APD
TIDEWATER ST 23-1	23	210S	230E	4301931468		State	GW	APD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Request to Transfer Application or Permit to Drill

Well name:	V D)	/	3/
API number:	* Please see attached schedul	e 1	*
Location:	THE SECOND SECONDS SECONDS	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
Company that filed original application:		and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s	
Date original permit was issued:	Tidewater oil + Gas Company		
Company that permit was issued to:		ar den ander kramer ett kremer.	******
The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s			, ····
Check			
one	Desired Action:		
Transfer pending (unapproved) A	pplication for Permit to Drill to new operator		****
	Il rights to drill on the property, hereby verifies that the information as		
submitted in the pending Application	in fights to drift on the property, hereby verifies that the information as if for Permit to Drill, remains valid and does not require revision. The diagrees to the information and procedures as stated in the application		
Transfer approved Application for	Permit to Drill to new operator		
	ll rights to drill on the property as permitted, hereby verifies that the iously approved application to drill, remains valid and does not requir	e	
		* 100414699	
Following is a checklist of some items r	related to the application, which should be verified.	Yes	N
If located on private land, has the ownersh	ip changed?		1
If so, has the surface agreement bee	en updated?		
	of the proposed well which would affect the spacing or siting		
	ents put in place that could affect the permitting or operation of this		1
	ss route including ownership or right-of-way, which could affect the		
	33 TOOLO MICHAEL STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE S		1 1
proposed location?			
proposed location? Has the approved source of water for drilling Have there been any physical changes to	ng changed? the surface location or access route which will require a change in		1
Have there been any changes to the acces		,	-
proposed location? Has the approved source of water for drilling. Have there been any physical changes to plans from what was discussed at the onside bonding still in place, which covers this plant desired or necessary changes to either	ng changed? the surface location or access route which will require a change in the evaluation? proposed well? Bond No	with	

(3/2004)

RECEIVED FEB 2 6 2008

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OU. CAS AND MINING

DIVISION OF OIL, GAS AND MINING					5. LEASE DE	SIGNATION AND SERIAL NUMBER:
SUNDRY NOTICES AND REPORTS ON WELLS						ALLOTTEE OR TRIBE NAME:
					7. UNIT or CA	AGREEMENT NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 1. TYPE OF WELL					NA	
OIL WELL GAS WELL OTHER Dry Hole					1	E and NUMBER: MSC 26-1
2 NAME OF OPERATOR: NAE, LLC					9. API NUMBE 4301931	
ADDRESS OF OPERATOR: 110 16th Street, Suite 1220	Denver CO	802		PHONE NUMBER: (303) 327-7169		D POOL, OR WILDCAT:
4. LOCATION OF WELL		002	02	(303) 321-1 109	vviidcat	
FOOTAGES AT SURFACE: 2240' FSL & 1340' FWL					COUNTY: C	Grand
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 26 21S 19E						UTAH
11. CHECK APPR	ROPRIATE BOXES TO INDICAT	TE N	ATURE (OF NOTICE, REPO	RT, OR O	THER DATA
TYPE OF SUBMISSION				PE OF ACTION		
NOTICE OF INTENT	ACIDIZE		DEEPEN		REPE	RFORATE CURRENT FORMATION
(Submit in Duplicate) Approximate date work will start:	ALTER CASING		FRACTURE 1	REAT	SIDE	FRACK TO REPAIR WELL
	CASING REPAIR	Ц	NEW CONST		TEMP	ORARILY ABANDON
8/25/2008	CHANGE TO PREVIOUS PLANS		OPERATOR (TUBIN	NG REPAIR
SUBSEQUENT REPORT	CHANGE TUBING		PLUG AND A	BANDON	VENT	OR FLARE
(Submit Original Form Only)	CHANGE WELL NAME CHANGE WELL STATUS	닏	PLUG BACK		_	R DISPOSAL
Date of work completion:	COMMINGLE PRODUCING FORMATIONS			N (START/RESUME)	U WATE	R SHUT-OFF
	CONVERT WELL TYPE			ON OF WELL SITE E - DIFFERENT FORMATION	OTHE	R:
12. DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show all I	<u></u>				
the existing cement plug set the existing cement plug at Class 'G' cement mixed at prepare to reclaim the local		fs fro NAE i vill th	m 5544'- ntends to en cut off	5712' (set on April 2 set a 100' surface _l the casing 3' BGL,	24, 2005). plug in the install a dr	NAE tagged the top of 5-1/2" casing using yhole marker, and
NAE requests this Notice of location reclaimed and res	of Intent be approved as soon as eeded by Fall of 2008.	s pos	sible, as l	NAE has a rig on loo	cation and	would like to get the
					COPY	SENT TO OPERATOR
					Date	8:27.2008
					Initial	
NAME (PLEASE PRINT) Walter D. L.	_owry		TITLE	Operations Mana	ger	
SIGNATURE			DATE	8/22/2008		
	Accepted by a	- 10				
This space for State use only)	Oil, Gas and Mining	4		deral Approval Of This Action Is Necessary		RECEIVED
Dai	TEATTON W	1	, ,	shap (600 to 5	ò o ′)	AUG 2 5 2008
5/2000) By A R	respected a vase (See Fish na & top of Juras	uctions sic	gr adiaes sa SCCtw	1 (2400) to 2	300') D	IV. OF OIL, GAS & MINING

	DEPARTMENT OF NATURAL RESO DIVISION OF OIL, GAS AND N		F
	DIVIDION OF OIL, GAS AND IV	AINING	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-79787
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA		
Do not use this form for proposals to drill drill horizontal	7. UNIT of CA AGREEMENT NAME: NA		
1. TYPE OF WELL OIL WELL	8. WELL NAME and NUMBER: Federal MSC 26-1		
2. NAME OF OPERATOR: NAE, LLC	9. API NUMBER: 4301931407		
3. ADDRESS OF OPERATOR: 110 16th Street, Suite 1220 CI	10. FIELD AND POOL, OR WILDCAT: Wildcat		
4. LOCATION OF WELL		80202 (303) 327-7169	
FOOTAGES AT SURFACE: 2240'	FSL & 1340' FWL		county: Grand
QTR/QTR, SECTION, TOWNSHIP, RA	NGE, MERIDIAN: NESW 26 21\$	19E	STATE: UTAH
	ROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
NOTICE OF INTENT	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	L ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON
***************************************	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
[7]	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
Date of work completion:	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF
10/9/2008	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	OTHER:
	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	
Notify Jack Johnson, Fiel P&A of well. SEE ATTAC Class 'G' neat cement mid 4823'. Pump 20 bbl water Jurassic formation @ 2771.18 cf/sx. POOH to 2671 casing shoe at 584' f/ 585 gelled water. LD tubing to 15.6 ppg and 1.18 cf/sx. Release rig to Solaris Sta 2008 and inspected by Jamixture by K-Sue Corp or and release MSC bond. MSC requests this P&A a	d Inspector for BLM, of intent to HED P&A SCHEMATIC. P&A Placed at 15.6 ppg with yield of 1.18 respacer and 80 bbl gelled water 75' f/ 2841'-2725': Pump 10 bbl spl'. Circ well w/ 110 bbls of gelled 5'-484'. Pump 4 bbls (18 sx) Clasto 121'. P&A PLUG #4 (100' surfact 21-19 #32-16D. The location of the Moab BLM Of the Moab, UT on Wednesday & and reclamation be signed off on	spacer @ 8.9 ppg. LD tubing to 28 pacer. Pump 4.5 bbls (21 sx) Claswater (8.9 ppg). LD tubing to 584' is 'G' neat cement @ 15.6 ppg and ce plug) f/ 121'-surface: Pump 4 bleemained at surface. Cut off casing	k Johnson on location to witness bl spacer. Pump 16 bbl (76 sx) at 4195'. WOC. TIH and tag TOC at 341'. P&A PLUG #2 across top of s 'G' neat cement @ 15.6 ppg and P&A PLUG #3 across the surface 1.18 cf/sx. Displace with 2.5 bbls bls (20 sx) Class 'G' neat cement @ 3' BGL. Weld on dry hole marker. t of Moab, Utah in late September, with BLM recommended seed aiting on BLM to inspect location
NAME (PLEASE PRINT) Walter D.			ations and Engineering
SIGNATURE	RECEI	VED DATE 10/14/2008	

DIV. OF OIL, GAS & MINING

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Federal MSC 26-1 **Actual P&A Schematic**



API Number: 43-019-31407 Surface Location: 2240' FSL & 1340' FWL Bottom Hole Location: 2240' FSL & 1340' FWL Total Depth: 8224

Spud Date 0030 hrs 11/10/04

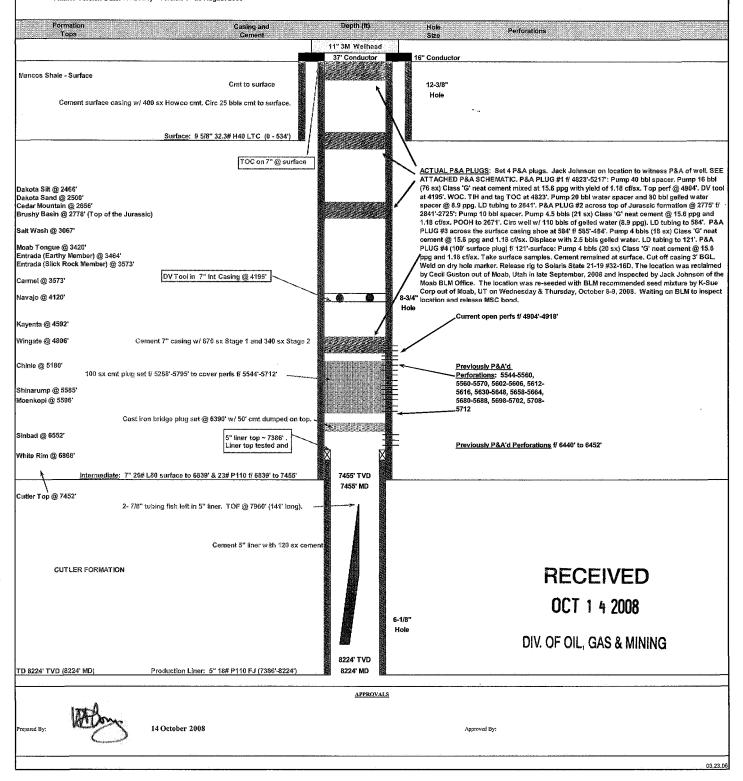
Author-Version-Date: W. Lowry - Version 1 - 26 August 2008

Well: Federal MSC 26-1

Well Type: Vertical Cutler Well

AFE Number: 611007 Field: Wildcat Lease Number UTU-79787 Elevation (ft): 4916 KB to GL (ft): 15'

RKB (ft): 4931' RKB Objectives: P&A well & reclaim surface



STATE OF UTAH

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-79787				
SUNDRY NOTICES AND REPORTS ON	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current botton drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for s	7. UNIT OF CA AGREEMENT NAME: NA				
1. TYPE OF WELL OIL WELL GAS WELL OTHER Dry H	8. WELL NAME and NUMBER: Federal MSC 26-1				
2. NAME OF OPERATOR: NAE, LLC	9. API NUMBER: 4301931407				
3. ADDRESS OF OPERATOR: 110 16th Street, Suite 1220 CITY Denver STATE CO ZIP 8020	10. FIELD AND POOL, OR WILDCAT: Wildcat				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2240' FSL & 1340' FWL	2 (303) 327-7169	COUNTY: Grand			
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 26 21S 19E		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NA	TURE OF NOTICE, REPO	RT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION				
V NOTICE OF INTENT	DEEPEN FRACTURE TREAT	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL			
Approximate date work will start: CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON			
10/14/2008 CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR			
CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE			
SUBSEQUENT REPORT (Submit Original Form Only) CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL			
	PRODUCTION (START/RESUME)	WATER SHUT-OFF			
) [RECLAMATION OF WELL SITE	OTHER:			
CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION				
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent	t details including dates, depths, volume	es, etc.			
The location was reclaimed by Cecil Guston out of Moab, Utah i Moab BLM Office. The location was re-seeded with BLM recomwednesday & Thursday, October 8-9, 2008. Waiting on BLM to	mended seed mixture by K-	Sue Corp out of Moab, UT on			
NAE, LLC and MSC Exploration request this P&A and reclamating have its Federal Bond released. However, since the BLM general Bond, pursuant to this Sundry Notice, both NAE and MSBLM. After the Change of Operator from MSC Exploration to National reclaiming the Federal MSC 26-1 be transferred to it and covere effectuate this change immediately and get MSC's bond release	rally requires vegetation to b C request an official Change AE, LLC is accepted, NAE re ed under NAE's federal bond	e present prior to releasing the of Operator be accepted by the equests the responsibility of			
Phone calls or emails on this matter can either be sent to Lynn Faust at (281) 931-8933 or Ifaust@mscexploration.com or Walter Lowry at (303) 884-5505 or wlowry@naexp.com.					
NAME (PLEASE PRINT) Walter D. Lowry	_{TITLE} Manager of Oper	ations and Engineering			
SIGNATURE	DATE 10/14/2008				
(This space for State use only)	R	ECEIVED			

DIV. OF OIL, GAS & MINING

OCT 2 0 2008

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-79787 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. NA TYPE OF WELL 8. WELL NAME and NUMBER: OIL WELL OTHER Dry Hole GAS WELL Federal MSC 26-1 2. NAME OF OPERATOR: 9. API NUMBER: NAE, LLC 4301931407 3. ADDRESS OF OPERATOR: PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: 110 16th Street, Suite 1220 CITY Denver ZIP 80202 STATE CO (303) 327-7169 Wildcat 4. LOCATION OF WELL FOOTAGES AT SURFACE: 2240' FSL & 1340' FWL COUNTY: Grand QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 26 21S 19E STATE: UTAH CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE DEEPEN REPERFORATE CURRENT FORMATION NOTICE OF INTENT (Submit in Duplicate) ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL Approximate date work will start: CASING REPAIR **NEW CONSTRUCTION** TEMPORARILY ABANDON CHANGE TO PREVIOUS PLANS **OPERATOR CHANGE TUBING REPAIR** CHANGE TUBING PLUG AND ABANDON VENT OR FLARE SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK WATER DISPOSAL (Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/RESUME) WATER SHUT-OFF Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER 10/9/2008 CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Notify Jack Johnson, Field Inspector for BLM, of intent to P&A well at 0800 hrs 8/25/08. Jack Johnson on location to witness P&A of well. SEE ATTACHED P&A SCHEMATIC. P&A PLUG #1 f/ 4823'-5217': Pump 40 bbl spacer. Pump 16 bbl (76 sx) Class 'G' neat cement mixed at 15.6 ppg with yield of 1.18 cf/sx. Top perf @ 4904'. DV tool at 4195'. WOC. TIH and tag TOC at 4823'. Pump 20 bbl water spacer and 80 bbl gelled water spacer @ 8.9 ppg. LD tubing to 2841'. P&A PLUG #2 across top of Jurassic formation @ 2775' f/ 2841'-2725': Pump 10 bbl spacer. Pump 4.5 bbls (21 sx) Class 'G' neat cement @ 15.6 ppg and 1.18 cf/sx. POOH to 2671'. Circ well w/ 110 bbls of gelled water (8.9 ppg). LD tubing to 584'. P&A PLUG #3 across the surface casing shoe at 584' f/ 585'-484'. Pump 4 bbls (18 sx) Class 'G' neat cement @ 15.6 ppg and 1.18 cf/sx. Displace with 2.5 bbls gelled water. LD tubing to 121'. P&A PLUG #4 (100' surface plug) f/ 121'-surface: Pump 4 bbls (20 sx) Class 'G' neat cement @ 15.6 ppg and 1.18 cf/sx. Take surface samples. Cement remained at surface. Cut off casing 3' BGL. Weld on dry hole marker. Release rig to Solaris State 21-19 #32-16D. The location was reclaimed by Cecil Guston out of Moab, Utah in late September, 2008 and inspected by Jack Johnson of the Moab BLM Office. The location was re-seeded with BLM recommended seed mixture by K-Sue Corp out of Moab, UT on Wednesday & Thursday, October 8-9, 2008. Waiting on BLM to inspect location and release MSC bond. MSC requests this P&A and reclamation be signed off on as soon as possible in order for MSC to have its Federal Bond released. NAE will follow with appropriate paperwork for Change of Operator to accept the transference of the MSC Federal Bond to NAE, LLC. Walter D. Lowry Manager of Operations and Engineering NAME (PLEASE PRINT) TITLE 10/14/2008 SIGNATURE DATE

OCT 2 0 2008

RECEIVED

DIV. OF OIL, GAS & MINING

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Federal MSC 26-1 **Actual P&A Schematic**



Well: Federal MSC 26-1 Well Type: Vertical Cutler Well

API Number: 43-019-31407 Surface Location; 2240' FSL & 1340' FWL Bottom Hole Location: 2240' FSL & 1340' FWL

Total Depth: 8224* Spud Date 0030 hrs 11/10/04

Author-Version-Date: W. Lowry - Version 1 - 26 August 2008

AFE Number: 611007 Field: Wildcat Lease Number UTU-79787 Elevation (ft): 4916' KB to GL (ft): 15' RKB (ft): 4931' RKB

Objectives: P&A well & reclaim surface

